VAMC Chillicothe Building 31 Lower Level

Department of Veterans Affairs Medical Center 17273 State Route 104 Chillicothe, Ohio 45601

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HEAPY ENGINEERING

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GENERAL CONSTRUCTION NOTES

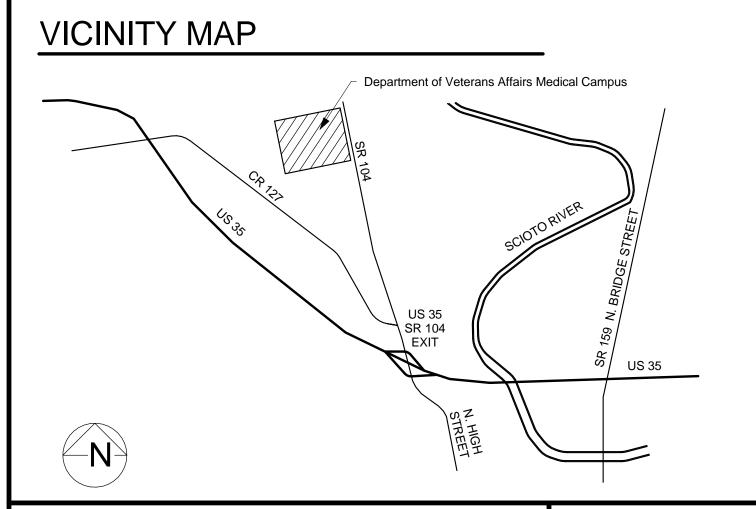
- * PLEASE NOTE THAT THE TERM PROJECT ENGINEER REFERS TO THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE.

 1. SPRINKLER DESIGN BASED ON FIRE PROTECTION DRAWINGS AND SPECIFICATIONS AS SUBMITTED BY THE M.E.P. ENGINEERS WILL BE SUBJECT TO AN INDEPENDENT REVIEW BY A CERTIFIED REVIEWER. THE FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR THIS INDEPENDENT REVIEW.
- 2. ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE OR, NATIONAL CODES, RULES, ORDINANCES AND REGULATIONS INCLUDING THE AMERICAN DISABILITIES ACT (ADA) AND THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) GUIDELINES.
- 3. IT IS INTENDED THAT THE DOCUMENTS INDICATE A NEW FINISH (I.E. PAINT, ACOUSTIC CEILING, FLOOR TILE, ETC.) ON ALL EXPOSED SURFACES OF THE BUILDING. WHERE A SPECIFIC FINISH IS NOT INDICATED AT ANY GIVEN LOCATION THE CONTRACTOR SHALL PROVIDE THE FINISH INDICATED FOR OTHER SIMILAR SURFACES.
- 4. THE PROJECT ENGINEER SHALL PROVIDE TEMPORARY ACESS TO SERVICES REQUIRED TO FACILITATE THE WORK INDICATED, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: POWER, LIGHTING, HEAT, AND WATER.
- 5. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE PROJECT ENGINEER OF ANY WORK WHICH MIGHT REQUIRE INTERRUPTION OF UTILITY SERVICES, CAUSE NOISE, OR CREATE VIBRATION. PRIOR TO THE COMMENCEMENT OF THIS WORK, THE CONTRACTOR'S WORK AND SCHEDULE SHALL BE APPROVED AND COORDINATED BEFORE HAND WITH THE PROJECT ENGINEER AND/OR ARCHITECT. SEE GENERAL CONDITIONS FOR FURTHER
- 6. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE SPECIFICATIONS, INCLUDING ALL GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, AND MATERIAL AND CONSTRUCTION PROVISIONS, WHICH APPLY TO MATERIALS OR CONSTRUCTION METHODS REQUIRED BY THIS PROJECT.
- 7. PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT SITE, EXAMINE, AND ACCEPT ALL EXISTING CONDITIONS. DATES FOR SITE VISITS WILL BE POSTED IN THE SPECIFICATIONS. UNSCHEDULED VISITS WILL NOT BE
- DO NOT PAINT ANY CAULKING OR SEALANTS WHICH ARE SUBJECT TO MOVEMENT - CONTROL JOINTS SHALL BE CAULKED AFTER PAINT AND SPECIAL COATING APPLICATIONS. PROVIDE CAULKING OR SEALANTS IN COLORS WHICH MATCH ADJACENT FINISHED SURFACE COLORS.
 VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE FABRICATING
- 10. ALL EXISTING CONSTRUCTION TO REMAIN THAT ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE PATCHED OR RESTORED AS REQUIRED TO MATCH EXISTING ADJACENT CONSTRUCTION UNLESS OTHERWISE INDICATED. CONTRACTOR TO PATCH AND REPAIR EXISTING CONSTRUCTION REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT TO MATCH EXISTING ADJACENT UNLESS OTHERWISE NOTED.
- 11. IT IS THE INTENT OF THE DOCUMENTS TO INDICATE COMPLETE AND OPERATIONAL SYSTEMS (I.E. STRUCTURAL, HVAC, PLUMBING, ELECTRICAL AND ETC.) THE CONTRACTOR SHALL PROVIDE THE SYSTEMS AS OPERATIONAL SYSTEMS WHICH COMPLY WITH APPLICABLE CODES AND REGULATIONS. THIS NOTE SHALL BE LIMITED TO THE SYSTEMS AS INDICTED BY THE DOCUMENTS AND SHALL NOT INCLUDE CHANGES TO THE SYSTEMS WHICH ALTER INDICATED CAPACITIES, OPERATIONAL CHARACTERISTICS, ETC.

- 12. THE GENERAL CONTRACTOR SHALL PROVIDE FIRE-RETARDANT TREATED 2X BLOCKING IN THE STUD CAVITY AT ALL LOCATIONS REQUIRED TO PROVIDE SOLID ANCHORAGE OF WALL SUPPORTED ITEMS INDICATED BY THE DRAWINGS, INCLUDING BUT NOT LIMITED TO: GRAB BARS, SHELVING, CABINETS, AND KITCHEN EQUIPMENT. CONTRACTOR'S OPTION TO PROVIDE GALV. 16 GA BY THE DEPTH OF THE WALL METAL STUDS AS BLOCKING UNLESS WOOD BLOCKING IS SPECIFICALLY CALLED FOR BY THE MANUFACTURER.
- 13. ALL WOOD BLOCKING, MISC. FRAMING, PANELS, ETC THAT ARE TO BE USED SHALL BE FIRE-RETARDANT TREATED.14. THE GENERAL CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR
- INFORMATION CONCERNING ALL SIGNAGE WHICH SHALL BE PROVIDED BY THE OWNER, AND SHALL MAKE PROVISIONS FOR INSTALLATION OF SUCH SIGNAGE, INCLUDING VERIFICATION OF DIMENSIONS (ADEQUATE SPACE AT THE DESIRED INSTALLATION LOCATION), AND SHALL BRING ANY CONFLICTS TO THE ATTENTION OF THE PROJECT ENGINEER AND THE ARCHITECT.
- 15. THE GENERAL CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER TO VERIFY THE SIZES OF ALL EQUIPMENT OR FIXTURES TO BE INSTALLED IN THE BUILDING, AND SHALL MAKE SPECIAL PROVISIONS FOR INSTALLATION OF ANY EQUIPMENT WHICH IS TOO LARGE TO FIT THROUGH A FINISHED OPENING.
- 16. ALL CONTRACTORS SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL SURFACES WHERE EXISTING CONSTRUCTION IS REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT.
- 17. THE CONTRACTOR IN CONJUNCTION WITH HIS WORK SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL EXISTING SUBSTRATES AND FINISHES INCLUDING BUT NOT LIMITED TO EXISTING WALLS, FLOORS, BASES, WAINSCOTS, CEILINGS, WINDOWS, WINDOW TRIM, WOOD WORK, DOORS, FRAMES, ETC. (UNLESS INDICATED OTHERWISE) AND PREPARE AREAS AS REQUIRED FOR NEW CONSTRUCTION FINISHES. WHERE WORK IS PERFORMED AND NO FINISH IS SPECIFICALLY INDICATED THE CONTRACTOR IS RESPONSIBLE TO PATCH,REPAIR AND PAINT TO MATCH ALL EXISTING ADJACENT MATERIALS, FINISH AND PAINT ALL WORK TO PROVIDE A COMPLETE, FINISHED, WORKMANLIKE JOB, ALL SUBJECT TO THE APPROVAL OF THE ARCHITECT.
- 18. PATCH ALL EXISTING WALLS AND CEILINGS THAT ARE TO REMAIN (EXCEPT WHERE NOTED) AS REQUIRED TO PROVIDE A SOUND BASE FOR NEW FINISHES SUCH AS PAINT, ETC. ALL PATCHING TO MATCH EXISTING ADJACENT SURROUNDING AREAS AND SURFACES.
- SURROUNDING AREAS AND SURFACES.

 19. IN ADDITION TO SPECIFIC REQUIREMENTS, THE GENERAL INTENT OF PAINTING AND TRANSPARENT FINISHES IS AS FOLLOWS: WHERE SURFACES ARE INDICATED TO BE PAINTED OR TRANSPARENT FINISH APPLIED, ALL OPENINGS, NEW AND EXISTING, INCLUDING WINDOWS, DOORS, FRAMES, TRIM, BASE, ETC. SHALL BE FINISHED OR REFINISHED IN CONJUNCTION WITH SURROUNDING WORK. WHERE SURFACES ARE NOT INDICATED TO BE PAINTED OR TRANSPARENT FINISH APPLIED IN THIS CONTRACT, ITEMS OF NEW WORK OR REPAIR WORK ONLY SUCH AS WALLS, CEILING, DOORS, FLOORS, WINDOWS, ETC. SHALL BE FINISHED TO MATCH EXISTING ADJACENT FINISHES, EXISTING ADJACENT FINISH SHALL REMAIN. SEE ROOM FINISH SCHEDULE AND DOOR SCHEDULE FOR FINISHES. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL FINISHES WITH THE ARCHITECT PRIOR TO EXECUTION OF THE WORK.
- ALL SUSPENDED ITEMS SUCH AS CEILINGS, DUCTS, PIPES, CONDUITS, ETC., SHALL BE SUSPENDED (ATTACHED) DIRECTLY TO STRUC AND SHALL NOT BE ATTACHED OR ANCHORED TO EXISTING PLASTER, ACOUSTIC TILE, ETC.
 ALL PENETRATIONS SUCH AS NEW OR EXISTING DUCTS, CONDUITS, PIPING, ELECTRICAL OUTLETS, LIGHT SWITCHES, RECESSED DEVICES OR ITEMS, HOLES, VOIDS, CRACKS, ETC. IN ALL EXISTING, MODIFIED AND NEW CORRIDOR WALLS, SMOKE PARTITIONS, AND FLOOR SLABS SHALL BE SEALED TO PREVENT PASSAGE OF ANY SMOKE, FLAME, GASES, ETC.. SEE PLUMBING
- HVAC, FIRE PROTECTION, ELECTRICAL, ETC. DRAWINGS AND SPECIFICATIONS.

 22. WHERE NEW CONSTRUCTION (I.E. DOORS, FRAMES, CASEWORK, EQUIPMENT, ETC.) IS INDICATED TO BE INSTALLED IN EXISTING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS FOR PROPER FIT AND FOR ACCESS INTO THE BUILDING PRIOR TO SHOP DRAWING SUBMITTAL, ORDERING AND DELIVERING TO THE SITE.



DRAWING INDEX A101 Cover Sheet A102 Code Data A201 Demolition Plan A301 Note Plan A311 Reflected Ceiling Plan A601 Door Schedule / Details A701 Interior Elevations A801 Room Finish Schedule & Legend A802 Floor Finish Plan A803 Wall Finish Plan 31FX101 Partial Lower Level Plan - New Work 31MH101 Partial Lower Level Plan - New World 31ED101 Partial Lower Level Plan - Removal 31EL101 Partial Lower Level Plan - Lighting 31EP102 Partial Lower Level Plan - Power 31ET103 Partial Lower Level Plan - Signals 31E501 Lighting Fixture Descriptions

GRAPHIC SYMBOLS

ELEVATION

##-#####

SECTION/DETAIL NUMBER
DRAWING NUMBER

ROOM NUMBER

This drawing and all covork contained herein unpublished work of the contained herein unpublished work of th

WINDOW OPENING

DOOR OPENING

This drawing and all original design work contained herein represents the unpublished work of John Poe Architects, Inc. intended solely for use related to the project listed herein and shall not be reproduced in any fashion without the expressed written consent of John Poe Architects, Inc.

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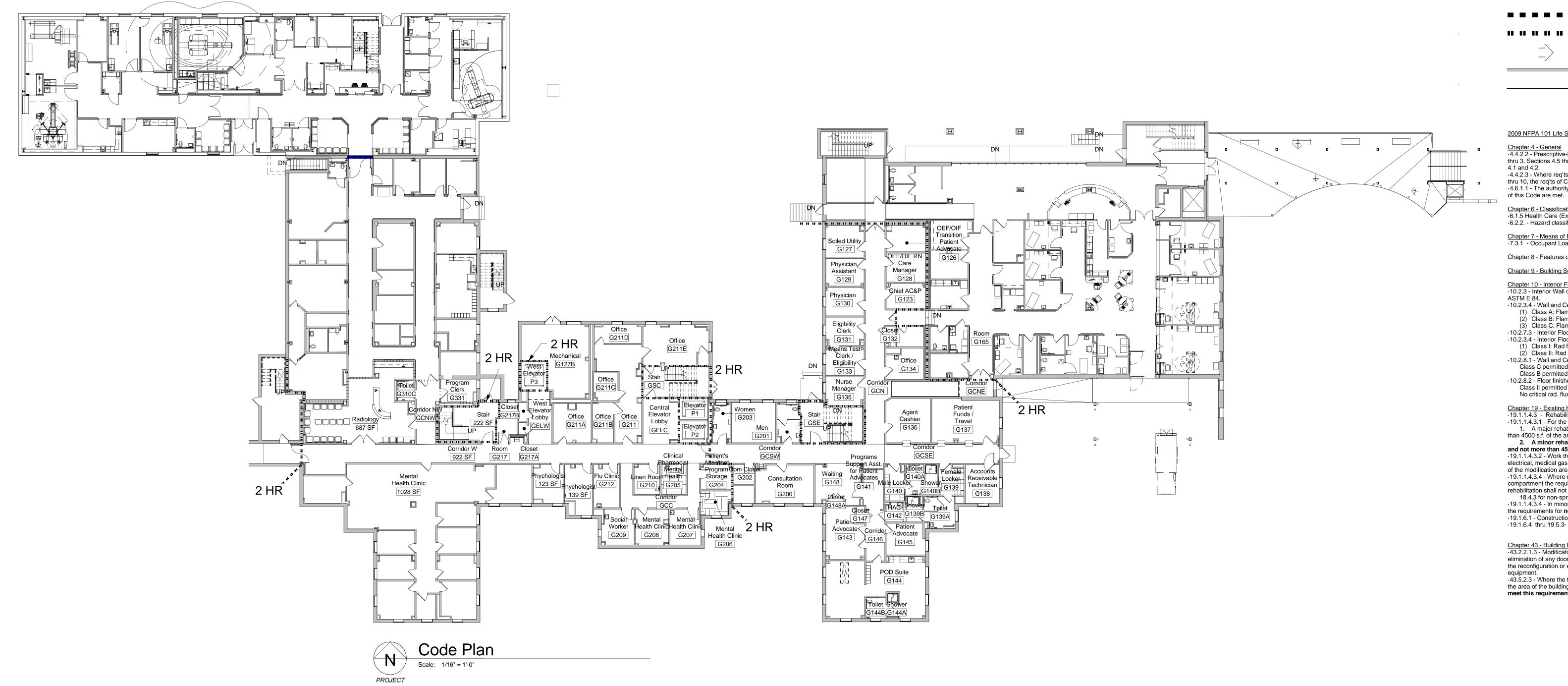
REVISIONS

2012-12-17 Bid Set

VA PROJECT NO. 538-12-107 JPA PROJECT NO. 12020.00 DATE 12/17/2012

BEARING

##\ REVISION



CODE LEGEND

■ | ■ | ■ | ■ | ■ | ■ | ■ | 1-HR Smoke Barrier - OBC 709 ■ ■ ■ ■ ■ 1-HR Fire Barrier - OBC 706 2-HR Fire Barrier - OBC 706 Means of Egress Existing Wall to Remain

2009 NFPA 101 Life Safety Code Review

Chapter 4 - General
-4.4.2.2 - Prescriptive-based life safety design meeting the requirements of Chapters 1 thru 3, Sections 4.5 thru 4.8, and Chapters 6 thru 43 of this Code shall satisfy Sections 4.1 and 4.2. ·4.4.2.3 - Where req'ts in Chapters 11 thru 43 differ from req'ts in Chapters 1 thru 4 and 6 thru 10, the req'ts of Chapters 11 thru 43 shall govern.
·4.6.1.1 - The authority having jurisdiction (AHJ) shall determine whether the provisions

Chapter 6 - Classification of Occupancy and Hazard of Contents
-6.1.5 Health Care (Existing) - No Change.
-6.2.2. - Hazard classif.: Ordinary - No Change

<u>Chapter 7 - Means of Egress: **No Change**</u> ·7.3.1 - Occupant Load: **No Change** Chapter 8 - Features of Fire Protection: No Change

Chapter 9 - Building Service and Fire Protection Equipment:: No Change

Chapter 10 - Interior Finish, Contents, and Furnishings

10.2.3 - Interior Wall or Ceiling Finish - Class A, B, or C shall be classified based on

·10.2.3.4 - Wall and Ceiling - Classifications characteristics:

(1) Class A: Flame spread: 0-25; Smoke dev.: 0-450.

(2) Class B: Flame spread: 26-75; Smoke dev.: 0-450.

(3) Class C: Flame spread: 76-200; Smoke dev.: 0-45 ·10.2.7.3 - Interior Floor Finish -shall be classified based on NFPA 253 or ASTM E 648.

·10.2.3.4 - Interior Floor - Classifications characteristics: (1) Class I: Rad flux: min .45 W/cm². (2) Class II: Rad flux: min .22 W/cm², and max. .45 W/cm².

·10.2.8.1 - Wall and Ceiling finishes, where sprinkled: Class C permitted in any location where Class B is req'd. Class B permitted in any location where Class A is req'd.

·10.2.8.2 - Floor finishes, where sprinkled: Class II permitted in any location where Class I is req'd. No critical rad. flux permitted in any location where Class II is req'd.

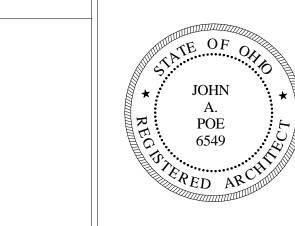
Chapter 19 - Existing Health Care Occupancies: •19.1.1.4.3 - Rehabilitation ·19.1.1.4.3.1 - For the purpose of the provisions of this chapter the following shall apply: 1. A major rehabilitation shall involve the modification of more than 50%, or more than 4500 s.f. of the area of the smoke compartment. 2. A minor rehabilitation shall involve the modification of not more than 50%, and not more than 4500 s.f. of the area of the smoke compartment. ·19.1.1.4.3.2 - Work that is exclusively plumbing, mechanical, fire protection system,

electrical, medical gas, or medical equipment work shall be included in the computation of the modification area within the smoke compartment. 19.1.1.4.3.4 - Where minor rehabilitation is done in a non-sprinklered smoke compartment the requirements of 18.3.5.1 shall not apply, but in such cases, the rehabilitation shall not reduce the life safety below the level of the requirement of 18.4.3 for non-sprinklered smoke compartment rehabilitation. See 4.6.1.1. ·19.1.1.4.3.4 - In minor rehabilitation, only the rehabilitation is required to be brought up to the requirements for **new non-sprinklered facilities**, not the entire building.

19.1.6.1 - Construction Type: II (222), Sprinkled (noncombustible) No Change ·19.1.6.4 thru 19.5.3- No Change

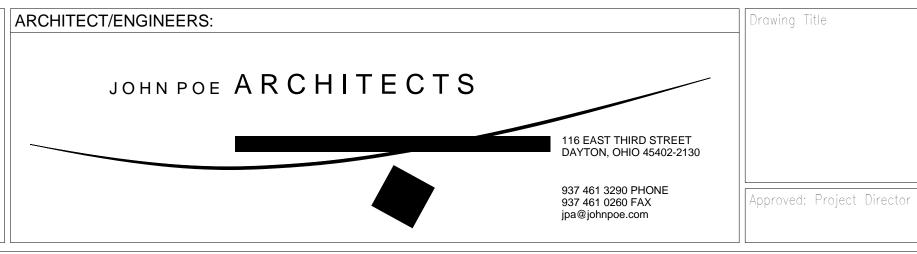
<u>Chapter 43 - Building Rehabilitation</u>
-43.2.2.1.3 - Modification. The reconfiguration of any space; the addition, relocation, or elimination of any door or window; the addition or elimination of load-bearing elements; the reconfiguration or extension of any system; or the installation and additional ·43.5.2.3 - Where the total area of all rehabilitation work areas included exceeds 50% of the area of the building the work shall be considered as a reconstruction. We do not meet this requirement

FULLY SPRINKLERED



CONSULTANTS:

Date



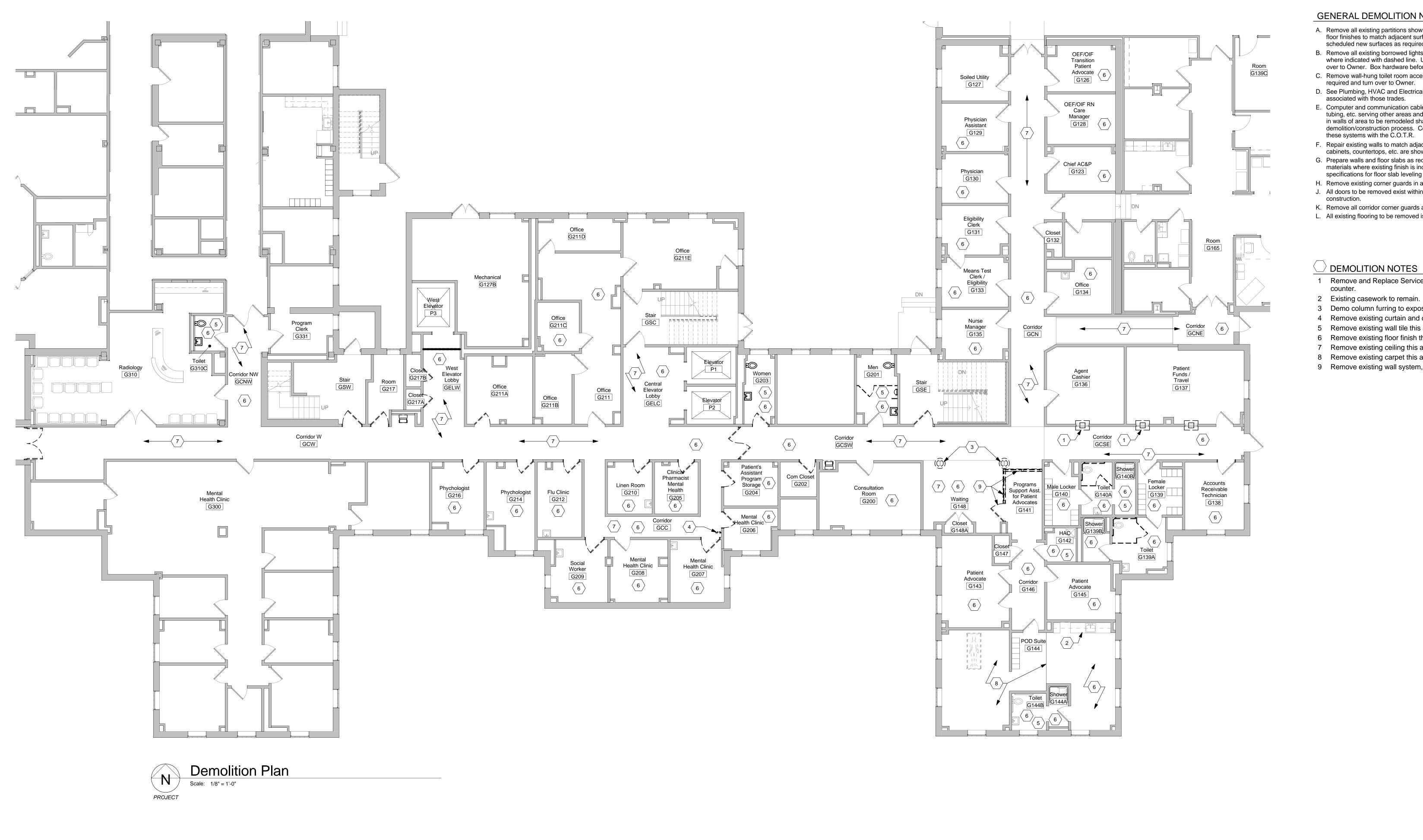
VAMC Chillicothe Building 31 Lower Code Data Corridor Finishes

12/17/2012

31 Chillicothe, Ohio

JR

VA Project No. 538-12-107
JPA Project No. 12020.00 Office of Construction and Facilities Management



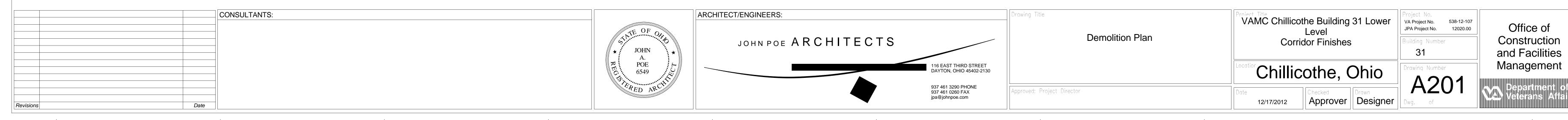
GENERAL DEMOLITION NOTES

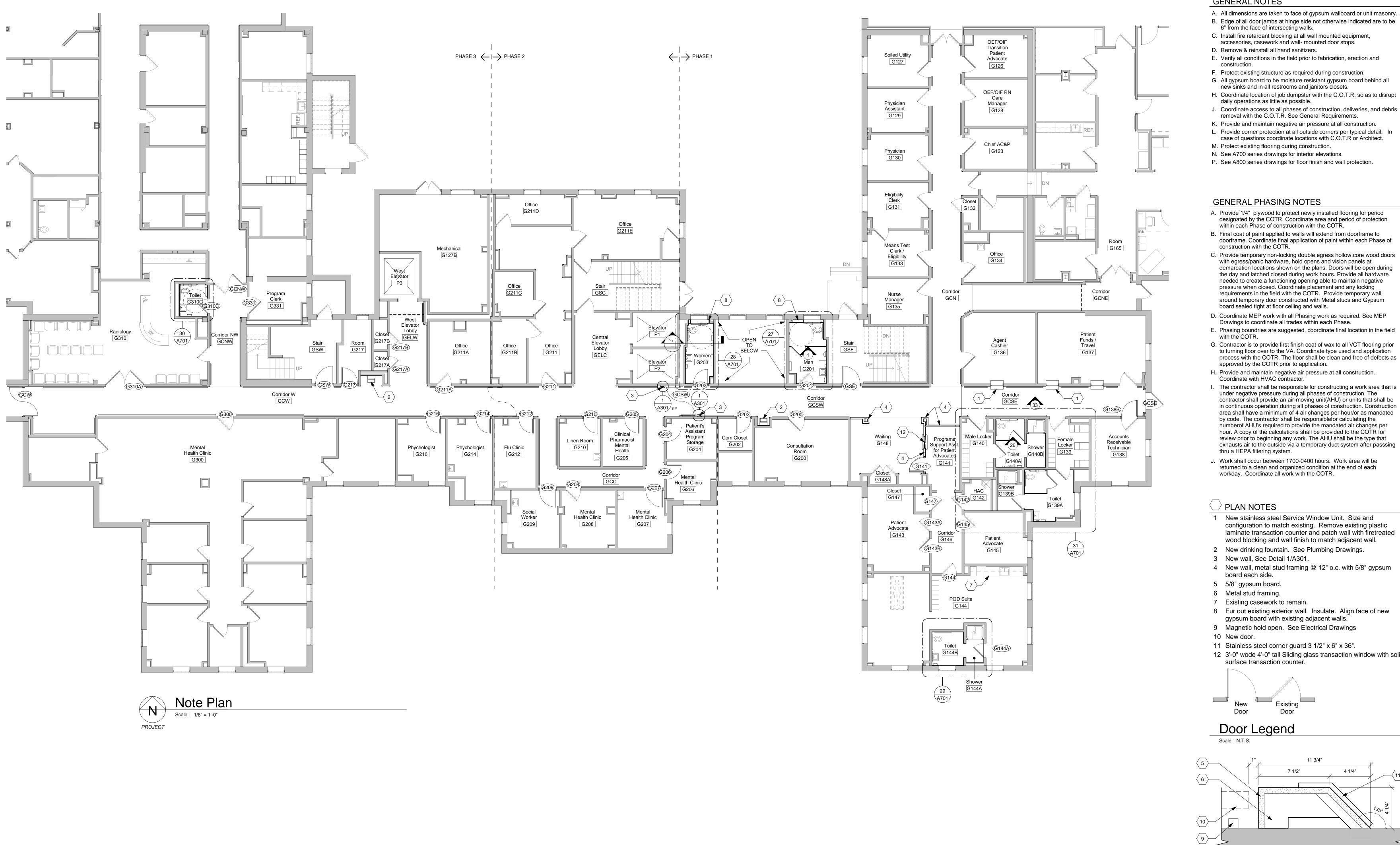
- A. Remove all existing partitions shown with dashed line. Repair wall and floor finishes to match adjacent surfaces at areas of removal or
 - scheduled new surfaces as required.
- B. Remove all existing borrowed lights, doors and hollow metal frames where indicated with dashed line. Unused hardware shall be turned over to Owner. Box hardware before giving to Owner.
- Remove wall-hung toilet room accessories and medical equipment as required and turn over to Owner.
- D. See Plumbing, HVAC and Electrical Drawings for removal work associated with those trades.
- E. Computer and communication cables and/or other wiring, piping, tubing, etc. serving other areas and functions located above ceiling or in walls of area to be remodeled shall be maintained during demolition/construction process. Coordinate any required changes to these systems with the C.O.T.R.
- F. Repair existing walls to match adjacent undisturbed wall where cabinets, countertops, etc. are shown to be removed.
- G. Prepare walls and floor slabs as required to receive new fininsh materials where existing finish is indicated to be removed. See
- specifications for floor slab leveling required.
- H. Remove existing corner guards in areas to be remodeled. J. All doors to be removed exist within stud/gypsum board wall
- K. Remove all corridor corner guards and wall protection. L. All existing flooring to be removed is VCT unless otherwise noted.

DEMOLITION NOTES

- 1 Remove and Replace Service Window Unit and transation
- 3 Demo column furring to expose existing building column.
- 4 Remove existing curtain and curtain track.
- 5 Remove existing wall tile this area. 6 Remove existing floor finish this area.
- 7 Remove existing ceiling this area.
- 8 Remove existing carpet this area.
- 9 Remove existing wall system, windows and adjacent door.

FULLY SPRINKLERED





ARCHITECT/ENGINEERS:

80

CONSULTANTS:

Date

GENERAL NOTES

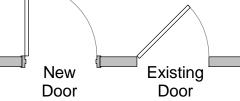
- A. All dimensions are taken to face of gypsum wallboard or unit masonry.
- B. Edge of all door jambs at hinge side not otherwise indicated are to be 6" from the face of intersecting walls.
- C. Install fire retardant blocking at all wall mounted equipment,
- accessories, casework and wall- mounted door stops. D. Remove & reinstall all hand sanitizers.
- E. Verify all conditions in the field prior to fabrication, erection and
- construction. F. Protect existing structure as required during construction.
- G. All gypsum board to be moisture resistant gypsum board behind all new sinks and in all restrooms and janitors closets.
- H. Coordinate location of job dumpster with the C.O.T.R. so as to disrupt daily operations as little as possible.
- J. Coordinate access to all phases of construction, deliveries, and debris
- removal with the C.O.T.R. See General Requirements.
- K. Provide and maintain negative air pressure at all construction.
- L. Provide corner protection at all outside corners per typical detail. In case of questions coordinate locations with C.O.T.R or Architect.
- M. Protect existing flooring during construction.
- N. See A700 series drawings for interior elevations. P. See A800 series drawings for floor finish and wall protection.

GENERAL PHASING NOTES

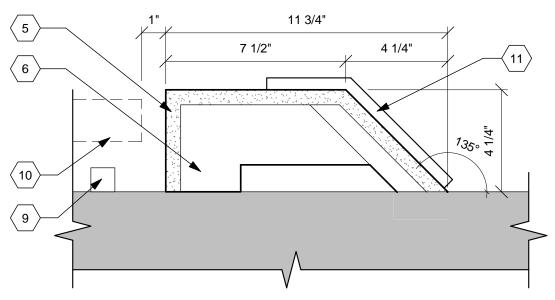
- A. Provide 1/4" plywood to protect newly installed flooring for period designated by the COTR. Coordinate area and period of protection within each Phase of construction with the COTR.
- B. Final coat of paint applied to walls will extend from doorframe to doorframe. Coordinate final application of paint within each Phase of
- construction with the COTR.
- C. Provide temporary non-locking double egress hollow core wood doors with egress/panic hardware, hold opens and vision panels at
- demarcation locations shown on the plans. Doors will be open during the day and latched closed during work hours. Provide all hardware needed to create a functioning opening able to maintain negative
- pressure when closed. Coordinate placement and any locking requirements in the field with the COTR. Provide temporary wall
- around temporary door constructed with Metal studs and Gypsum board sealed tight at floor ceiling and walls. D. Coordinate MEP work with all Phasing work as required. See MEP
- Drawings to coordinate all trades within each Phase. E. Phasing boundries are suggested, coordinate final location in the field
- G. Contractor is to provide first finish coat of wax to all VCT flooring prior to turning floor over to the VA. Coordinate type used and application
- process with the COTR. The floor shall be clean and free of defects as approved by the COTR prior to application.
- H. Provide and maintain negative air pressure at all construction. Coordinate with HVAC contractor.
- I. The contractor shall be responsible for constructing a work area that is under negative pressure during all phases of construction. The contractor shall provide an air-moving unit(AHU) or units that shall be
- in continuous operation during all phases of construction. Construction area shall have a minimum of 4 air changes per hour/or as mandated by code. The contractor shall be responsible for calculating the number of AHU's required to provide the mandated air changes per hour. A copy of the calculations shall be provided to the COTR for
- thru a HEPA filtering system. J. Work shall occur between 1700-0400 hours. Work area will be returned to a clean and organized condition at the end of each workday. Coordinate all work with the COTR.

PLAN NOTES

- New stainless steel Service Window Unit. Size and configuration to match existing. Remove existing plastic laminate transaction counter and patch wall with firetreated wood blocking and wall finish to match adjacent wall.
- 2 New drinking fountain. See Plumbing Drawings.
- 3 New wall, See Detail 1/A301.
- 4 New wall, metal stud framing @ 12" o.c. with 5/8" gypsum board each side.
- 5 5/8" gypsum board.
- 6 Metal stud framing. 7 Existing casework to remain.
- 8 Fur out existing exterior wall. Insulate. Align face of new
- gypsum board with existing adjacent walls.
- 9 Magnetic hold open. See Electrical Drawings
- 10 New door. 11 Stainless steel corner guard 3 1/2" x 6" x 36".
- 12 3'-0" wode 4'-0" tall Sliding glass transaction window with solid surface transaction counter.



Door Legend



Corridor Door Detail

Scale: 3" = 1'-0"

FULLY SPRINKLERED

Note Plan JOHN POE ARCHITECTS Corridor Finishes 116 EAST THIRD STREET DAYTON, OHIO 45402-2130 Chillicothe, Ohio 937 461 3290 PHONE 937 461 0260 FAX jpa@johnpoe.com pproved: Project Director

Drawing Title

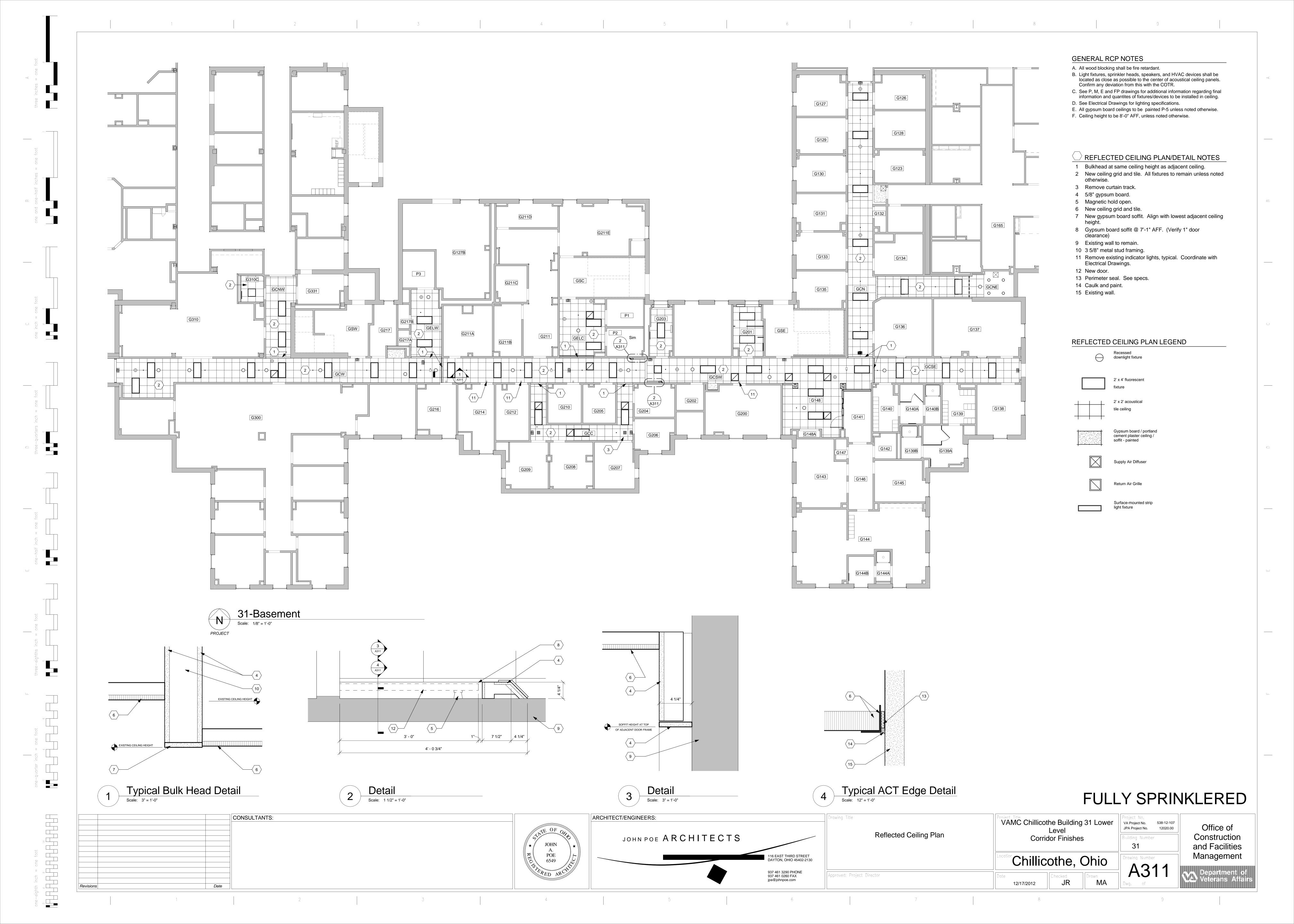
VAMC Chillicothe Building 31 Lower

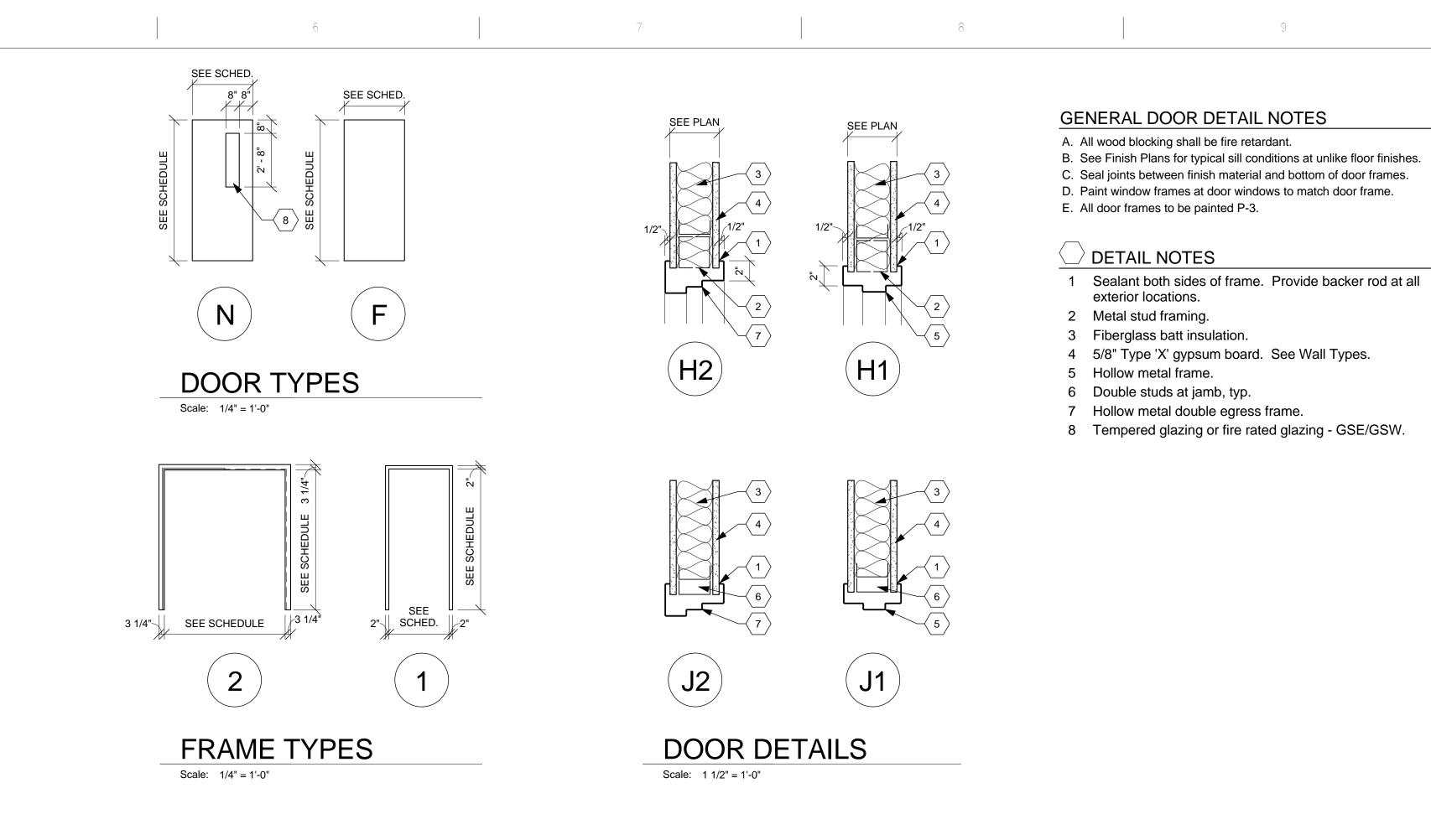
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VA Project No. 538-12-107
JPA Project No. 12020.00 31

A301

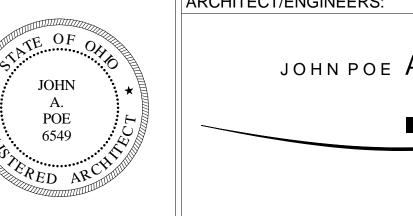




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						S	IZE						FIRE	HDWE	
DOOR #	RM	RM	TYPE	MAT'L	#	W	Н	Т	TYPE	MAT'L	HEAD	JAMB	RATING	SET	REMARKS
G138B	G138	GCSE	F	WD	1	3' - 4"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		15	Dutch Door bottom half only
G141	G142	G148	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G142	G142	G146	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		11	New hardware only
G143A	G146	G143	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G143B	G146	G143	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G144	G144	G146	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G144A	G144	G144A	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		03	New hardware only
G145	G146	G145	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G147	G147	G146	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		11	New hardware only
G200	GCSW	G200	Exst	-	1	3' - 4"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		08	New hardware only
G201	GCSW	G201	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		04	New hardware only
G202	G202	GCSW	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		12	See Electrical for roughin info
G203	G203	GCSW	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		05	Closer
G204	G204	GCC	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		12	
G205	GCW	G205	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G206	G206	GCC	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G207	G207	GCC	F	WD	1	3' - 6"	7' - 0"	1 3/4"	1	HM	H1	J1		09	
G208	GCC	G208	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G209	G209	GCC	F	WD	1	3' - 6"	7' - 0"	1 3/4"	1	HM	H1	J1		09	
G210	GCW	G210	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		12	
G211	GCW	G211	Exst	-	1	3' - 4"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		08	New hardware only
G211A	GCW	G211A	Exst	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst	Exst	Exst		08	New hardware only
G212	GCW	G212	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G214	GCW	G214	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G216	GCW	G216	F	WD	1	3' - 0"	7' - 0"	1 3/4"	1	HM	H1	J1		07	
G217	GCW	G217	N	WD	1	3' - 4"	7' - 0"	1 3/4"	Exst	HM	H1	J1		09	
G217A	G217A	GELW	Exst	-	1	2' - 6"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		13	New hardware, Kick plate
G217B	G217B	GELW	Exst	-	1	2' - 6"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		13	New hardware, Kick plate
G300	G300	GCW	Exst	-	1	3' - 4"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		08	New hardware only
G310A	GCW	G310	Exst	-	2	4' - 0"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		10	New hardware only
G310C	GCNW	G310C	F	Exst	1	3' - 0"	7' - 0"	1 3/4"	Exst	Exst				06	
G331	G331	GCNW	Exst	-	1	3' - 6"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		08	New hardware only
GCSE	GCSE	Exterior	Exst	-	1	3' - 6"	7' - 0"	1 3/4"	Exst	HM	Exst	Exst		16	New sill
GCSW	GCSW	GCW	F	WD	2	3' - 0"	7' - 0"	1 3/4"	2	HM	H2	J2	90 Min.	02	Double Egress / Magnetic Hold Ope
GCW	GCW	GCWW	F	WD	2	3' - 0"	7' - 0"	1 3/4"	2	HM	H2	J2	90 Min.	02	Magnetic Hold Open/Double Egress
GP-1	P1	GELC	Exst	-	1	3' - 6"	7' - 0"	1 3/4"	Exst		Exst	Exst		-	Paint door
GP-2	P2	GELC	Exst	-	1	3' - 6"	7' - 0"	1 3/4"	Exst		Exst	Exst		-	Paint door
GP-3	P3	GELW	Exst	-	1	4' - 0"	7' - 0"	1 3/4"	Exst		Exst	Exst		-	Paint door
GSE	GCSW	GSE	N	WD	1	3' - 8"	7' - 0"	1 3/4"	1	HM	H1	Exst	90 Min.	01	
GSW	GCW	GSW	N	WD	1	3' - 8"	7' - 0"	1 3/4"	1	HM	H1	Exst	90 Min.	01	

DOOR SCHEDULE - 601

FULLY SPRINKLERED

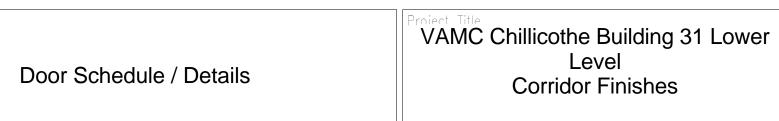


one-eighth inch = one foot

CONSULTANTS:

Date





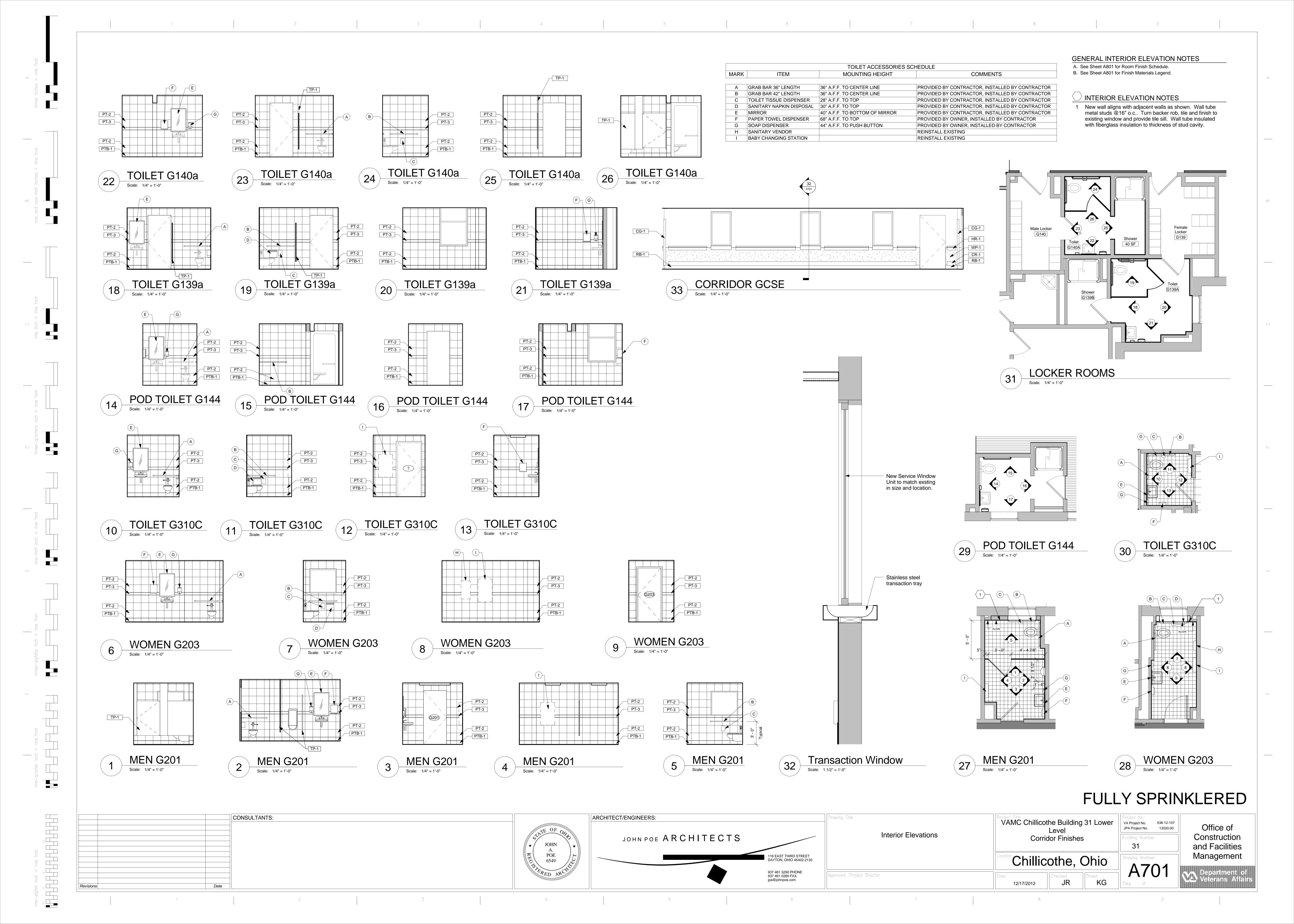
Chillicothe, Ohio

VA Project No. 538-12-107
JPA Project No. 12020.00 Office of Construction 31 and Facilities Management

Approved: Project Director

Drawing Title

JR 12/17/2012



ROOM			KOOM F	INISH SCHE		ALLS		CASE	EWORK	
#	ROOM NAME	FLOOR	BASE	North	South	East	West	Cabinet	Countertop	CEILING
0.400		ODT 4	DD 4							
G123 G126	Chief AC&P OEF/OIF Transition Patient Advocate	CPT-1	RB-1	-	-	-	-	-	-	-
G127	Soiled Utility	-	-	-	-	-	-	-	-	-
G128	OEF/OIF RN Care Manager	CPT-1	RB-1	-	-	-	-	-	-	-
G129	Physician Assistant	CPT-1	RB-1	-	-	-	-	-	-	-
G130	Physician Clark	CPT-1	RB-1	-	-	-	-	-	-	-
G131 G132	Eligibility Clerk Closet	CPT-1	RB-1	-	-	-	-	-	-	_
G133	Means Test Clerk / Eligibility	CPT-1	RB-1	-	-	-	-	-	-	-
G134	Office	CPT-1	RB-1	-	-	-	-	-	-	-
G135	Nurse Manager	CPT-1	RB-1	-	-	-	-	-	-	-
G138 G139	Accounts Receivable Technician Female Locker	CPT-1 VCT-1	RB-1	- P-1	- P-1	- P-1	- P-1	-	-	-
G139A	Toilet	PT-1	PTB-1	PT-2/3	P-1 PT-2/3	PT-2/3	PT-2/3	-	-	-
G139B	Shower	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	-
G140	Male Locker	VCT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G140A	Toilet	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	-
G140B	Shower	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	-
G141 G142	Programs Support Asst. for Patient Advocates HAC	CPT-1 PT-1	RB-1 PTB-1	P-1 CT-1 / P-1	P-1 CT-1 / P-1	P-1 CT-1 / P-1	P-1 CT-1 / P-1	-	-	_
G142 G143	Patient Advocate	CPT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G144	POD Suite	CPT-1/SV-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G144A	Shower	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	-
G144B	Toilet	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	-
G145	Patient Advocate	CPT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G146 G147	Corridor	CPT-1 VCT-1	RB-1	P-1 P-1	P-1 P-1	P-1 P-1	P-1	-	-	-
G147 G148	Waiting	VCT-1/2/3/4/5/6	RB-1	P-1	VWC-1	P-1	VWC-1	-	-	ACT-1
G148A	Closet	VCT-1	RB-1	-	-	-	-	-	-	-
G200	Consultation Room	CPT-1	RB-1	-	-	-	-	-	-	-
G201	Men	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	ACT-2
G202	Com Closet	- DT 4	- DTD 4	- DT 0/0	- DT 0/0	- DT 0/0	- DT 0/0	-	-	- A OT 0
G203 G204	Women Patient's Assistant Program Storage	PT-1 VCT-1	PTB-1 RB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	ACT-2
G204 G205	Clinical Pharmacist Mental Health	CPT-1	RB-1	-	-	- -	-	-	- -	-
G206	Mental Health Clinic	CPT-1	RB-1	-	-	-	-	-	-	-
G207	Mental Health Clinic	CPT-1	RB-1	-	-	-	-	-	-	-
G208	Mental Health Clinic	CPT-1	RB-1	-	-	-	-	-	-	-
G209	Social Worker	CPT-1	RB-1	-	-	-	-	-	-	-
G210 G211	Linen Room Office	VCT-1 SV-1	RB-1	P-1	- P-1	P-1	- P-1	-	-	-
G211A	Office	CPT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G211B	Office	CPT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G211C	Office	CPT-1	RB-1	P-1	P-1	P-1	P-1	-	-	-
G211D	Office	-	-	-	-	-	-	-	-	
G211E	Office	- CDT 1	- DD 1	-	-	-	-	-	-	-
G212 G214	Flu Clinic Phychologist	CPT-1	RB-1	-	-	-	-	-	-	-
	Phychologist	CPT-1	RB-1	-	-	-	-	_	-	-
G217	Room	-	-	-	-	-	-	-	-	-
	Closet	-	-	-	-	-	-	-	-	-
G217B	Closet	- DT 4	- DTD 4	- DT 0/0	- DT 0/0	- DT 0/0	- DT 0/0	-	-	- AOT C
G310C G331	Toilet Program Clerk	PT-1	PTB-1	PT-2/3	PT-2/3	PT-2/3	PT-2/3	-	-	ACT-2
GCC	Corridor	VCT-1	- RB-1	P-1	P-1	P-1	- P-1	-	-	ACT-1
GCN	Corridor	VCT-1	RB-1	P-1	-	P-1	P-2	-	-	ACT-1
GCNE	Corridor	VCT-1	RB-1	P-1	P-1	P-1	P-1		-	ACT-1
	Corridor NW	VCT-1	RB-1	P-1	P-1	P-1	P-1	-	-	ACT-1
GCSE	Corridor	VCT-1/2	RB-1	P-2	P-1	P-1	- D 4	-	-	ACT-1
GCSW GCW	Corridor Corridor W	VCT-1/2 VCT-1/2	RB-1	P-2 P-2	P-1 P-1	P-1	P-1 P-1	-	-	ACT-1
GELC	Central Elevator Lobby	VCT-1/2 VCT-1/2/3/4/5/6	RB-1	VWC-1	r = 1	VWC-1	VWC-1	-	-	ACT-1
GELW	West Elevator Lobby	VCT-1/2/3/4/5/6	RB-1	VWC-1	-	VWC-1	VWC-1	-	-	ACT-1
GSC	Stair	-	-	-	-	-	-	-	-	-
GSE	Stair	-	-	-	-	-	-	-	-	-
GSW	Stair	-	-	-	-	-	-	-	-	-
P1	Elevator	-	-	-	-	-	-	-	-	-
P2	Elevator	-	-	-	-	-	-	-	-	-

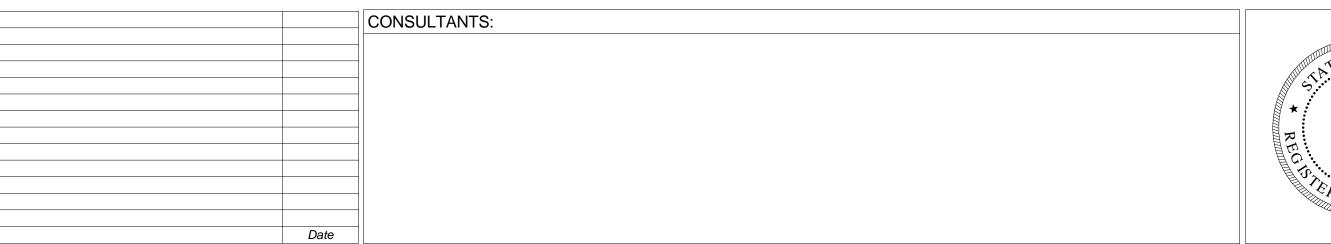
CODE	FINISH TYPE	MANUFACTURER	FINISH LEGEND PRODUCT / COLOR	COMMENTS
CODE	FINISH I TPE	WANUFACTURER	PRODUCT / COLOR	COMMENTS
	SEINICHES			
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	"CIRRUS" ANGLED TEGULAR 584 WHITE 2' x 2'	GRID: PRELUDE 15/16" WHITE
ACT-2	ACOUSTIC CEILING TILE	ARMSTRONG	"CLEAN ROOM VL" 868 WHITE 2' x 2'	GRID: PRELUDE 15/16" WHITE
	FINISHES	AKWSTKONS	CLEAN ROOM VE 808 WHITE 2 X 2	GND. FILELODE 13/10 WHITE
CPT-1	CARPET TILE	INTERFACE	"WIND II" 14670-9228 TUNDRA	
PT-1	PORCELAIN TILE	DALTILE	"CONTINENTAL SLATE" CS50 EGYPTIAN BEIGE 6" x 6"	GROUT: MAPEI 05 CHAMOIS
PTB-1	PORCELAIN TILE BASE	DALTILE	"CONTINENTAL SLATE" CS50 EGYPTIAN BEIGE 6" x 12"	GROUT: MAPEI 05 CHAMOIS
RB-1	RUBBER BASE	JOHNSONITE	09 CLAY 6"	
VCT-1	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 133 ALMONDINE	
VCT-2	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 239 BROWN EARTH	
/CT-3	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 173 OTTER BROWN	
VCT-4	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 178 PECAN	
VCT-5	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 255 FROSTED JADE	
/CT-6	VINYL COMPOSITION TILE	MANNINGTON	"ESSENTIALS" 183 PRAIRIE SAND	
MISCEL	LANEOUS FINISHES			
SS-1	SOLID SURFACE MATERIAL	LG HI-MACS	VE24 CASERA	
ГР-1	TOILET PARTITION	SCRANTON PRODUCTS	"HINEY HIDERS" SANDSTONE	
WALL F	INISHES			
P-1	PAINT	SHERWIN WILLIAMS	SW6148 WOOL SKEIN	GLOSS LEVEL 3
P-2	PAINT	SHERWIN WILLIAMS	SW2836 QUARTERSAWN OAK	GLOSS LEVEL 3
- 3	PAINT	SHERWIN WILLIAMS	SW6142 MACADAMIA	GLOSS LEVEL 5
P-4	PAINT	ZOLATONE	PFX-01060 COUNTERPOINTE PEARL	
PT-2	PORCELAIN TILE	DALTILE	"CONTINENTAL SLATE" CS50 EGYPTIAN BEIGE 12" x 12"	GROUT: MAPEI 05 CHAMOIS
PT-3	PORCELAIN TILE	DALTILE	"CONTINENTAL SLATE" CS71 DECORATIVE BORDER 4" x 12"	GROUT: MAPEI 05 CHAMOIS
/WC-1	VINYL WALL COVERING	DL COUCH	TOWER "TRAIPSING" TR-TA-15 MUSHROOM	
WALL P	ROTECTION FINISHES			
CG-1	CORNER GUARD	C-S ACROVYN	SM-20AN 103 BEIGE	PROVIDED BY OWNER, INSTALLED BY CONTRACTO
CG-2	CORNER GUARD	C-S ACROVYN	SM-20MN 103 BEIGE	PROVIDED BY OWNER, INSTALLED BY CONTRACTO
CR-1	CRASH RAIL	C-S ACROVYN	SCR-48MN 103 BEIGE	PROVIDED BY OWNER, INSTALLED BY CONTRACTO
łR-1	HAND RAIL	C-S ACROVYN	HRB-10CN HAND RAIL: 373 AMBER CHERRY, REVEAL 103 BEIGE, GUARD 372 CLASSIC MAPLE	PROVIDED BY OWNER, INSTALLED BY CONTRACTO
NP-1	HIGH IMPACT WALL COVERING	C-S ACROVYN	103 BEIGE 0.060"	PROVIDED BY OWNER, INSTALLED BY CONTRACTO

NOTE : COLOR & FINISHES AS USED IN THE LEGEND ARE NOT BRAND NAME JUSTIFICATIONS. COLORS AND FINISHES AS LISTED ARE FOR AESTHETIC REFERENCE ONLY.

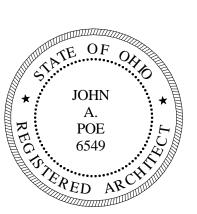
GENERAL FINISH PLAN NOTES

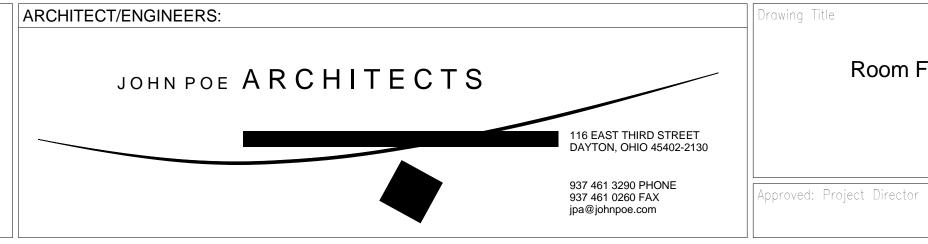
- A. See Sheet A801 for Finish Materials Legend.
- B. See Sheet A801 for Room Finish Schedule.
- C. See Interior Elevations on Sheet A701 for further information. D. Wall Finish Plan shows accent wall finish locations only. Refer to Room
- Finish Schedule on Sheet A801 when no finish is indicated on plan.
- E. All wall protection to be provided by Owner and installed by Contractor except where indicated on plan.
- F. All door frames to be painted P-3 unless noted otherwise. G. Elevator doors of West Elevator P3 to be painted P-4.
- H. Order 10% extra of all finish materials.
- J. Contractor to utilize floor leveling for subfloor preparation prior to installation of new floor finish. See Specifications
- K. Existing signage is to be removed prior to painting and re-installed after painting is complete. Provide temporary signage on door during construction.

FULLY SPRINKLERED



one-eighth inch = one foot





Room Finish Schedule & Legend Chillicothe, Ohio

VAMC Chillicothe Building 31 Lower Corridor Finishes

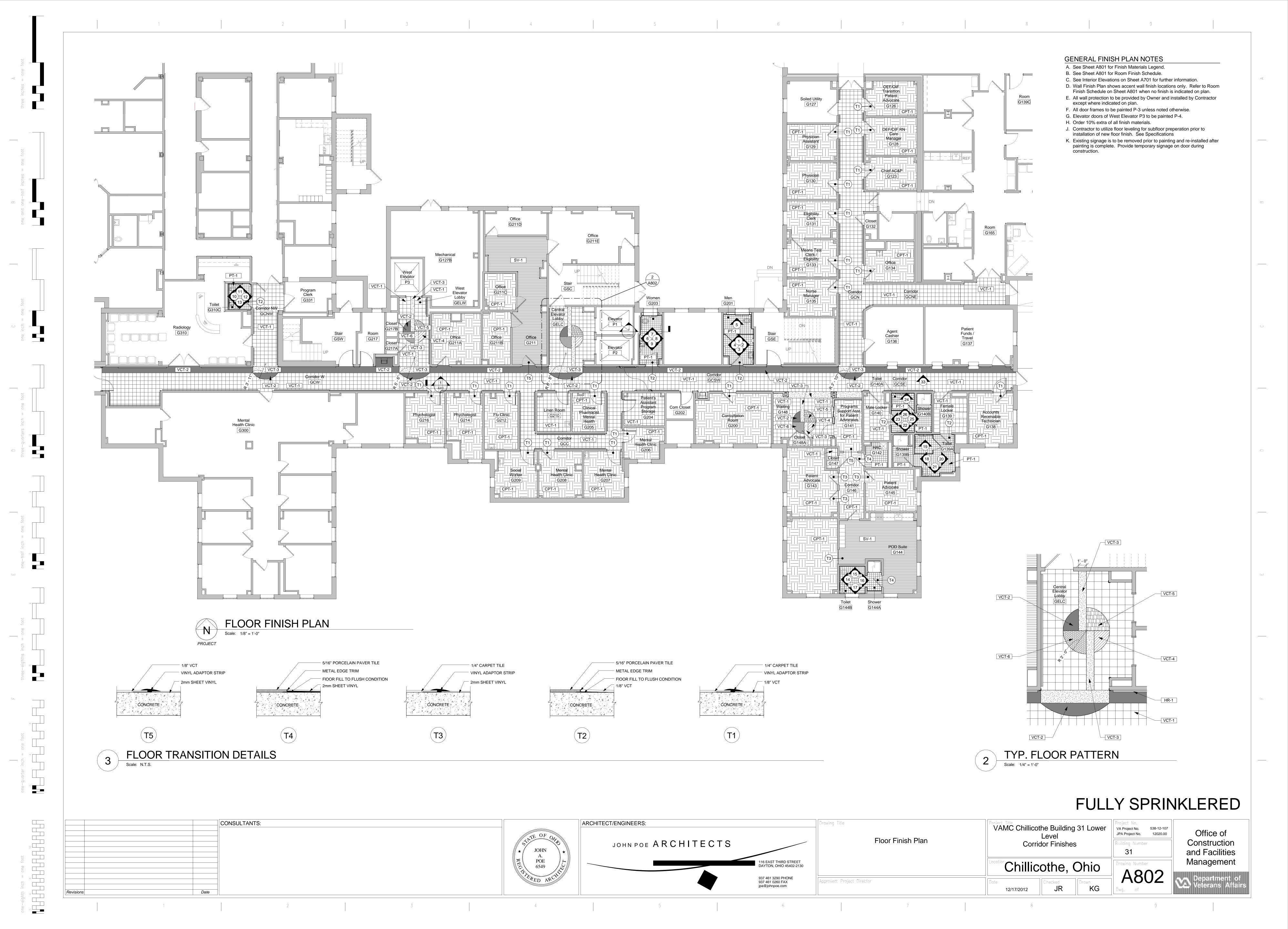
12/17/2012

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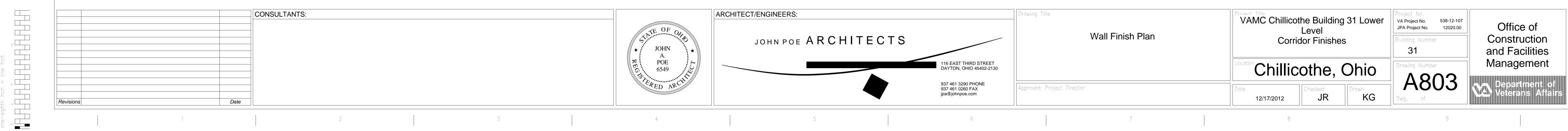
VA Project No. 538-12-107
JPA Project No. 12020.00 31

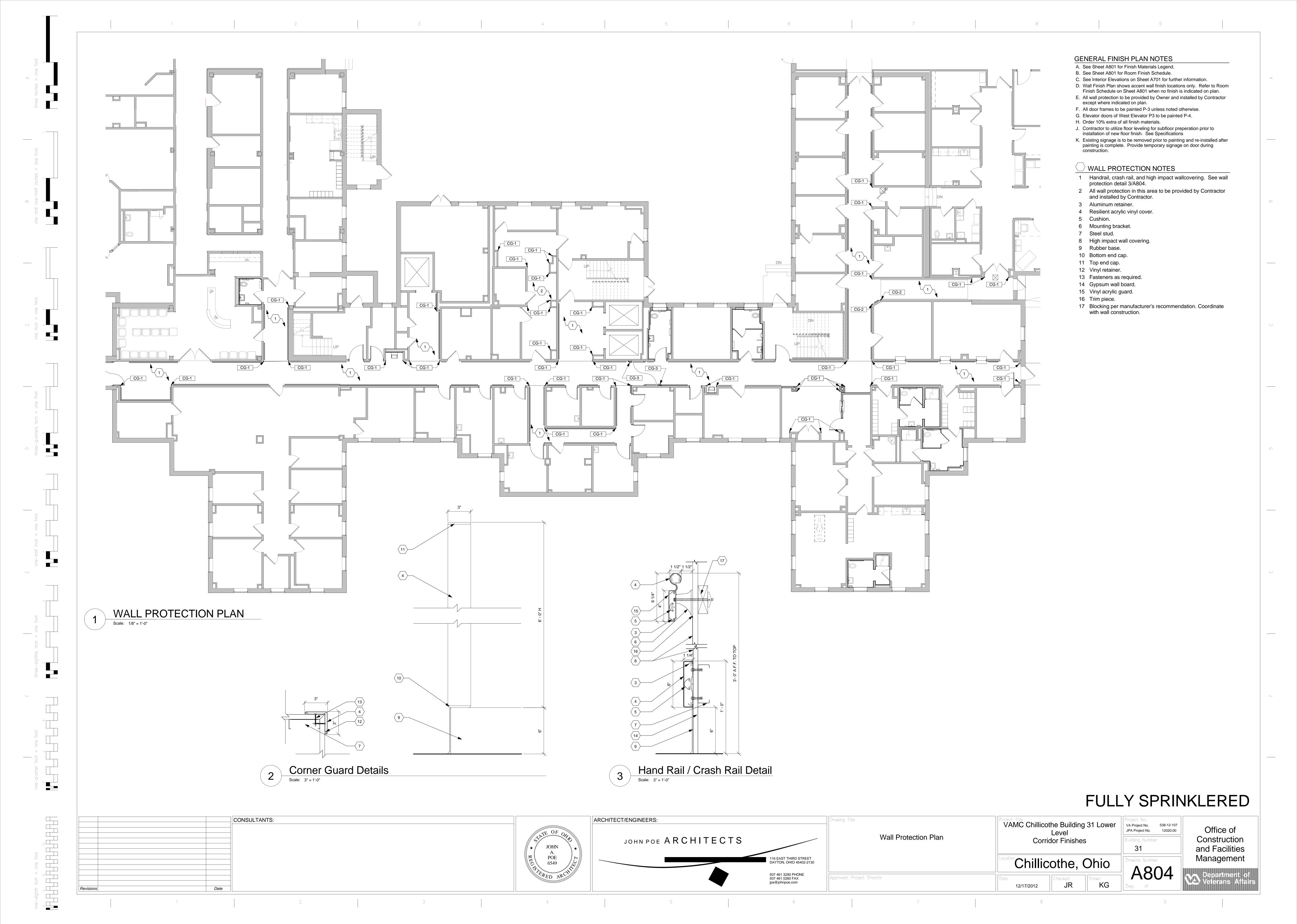
Office of Construction and Facilities Management

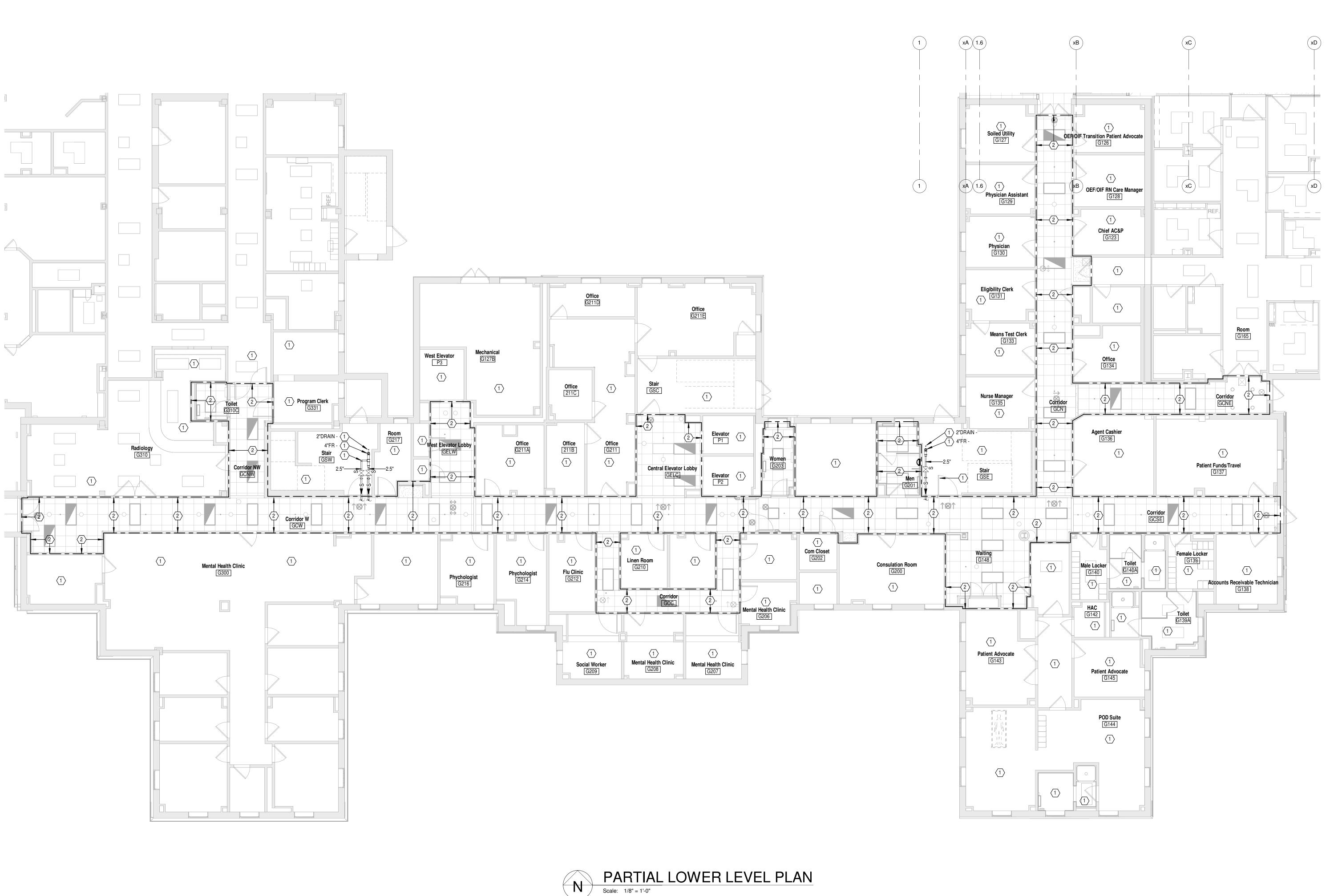




FULLY SPRINKLERED







FIRE SUPPRESSION NOTES

GPM HOSE ALLOWANCE.

- A PROVIDE A COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM IN THE ENTIRE RENOVATED AREA.
- B COORDINATE WORK WITH VAMC AND ALL OTHER TRADES. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFFSETTING AND/OR RELOCATING SERVICES DETERMINED TO BE IN CONFLICT WITH WORK OF OTHER TRADES.
- DESIGN SERVICES SHALL FOLLOW ALL VA STANDARD DESIGN PRACTICES, DETAILS, SPECIFICATIONS AND SITE SPECIFIC C.O.T.R. REQUIREMENTS AS WELL AS WORK SHOWN ON THESE DOCUMENTS. ALL DEVIATIONS FROM AFOREMENTIONED REQUIREMENTS SHALL BE APPROVED BY THE C.O.T.R.
- D THE F.S.C. SHALL VERIFY THAT THERE IS ADEQUATE SPACE TO INSTALL ALL NEW PIPING REQUIRED TO COMPLETE THIS WORK.
- ALL SPRINKLER PIPING IS LOCATED ABOVE THE CEILING (AT THE BOTTOM OF STRUCTURE IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- THE BASIS OF DESIGN OF SPACING AND SIZING FOR THE COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM IS FOR A WET PIPE SYSTEM HYDRAULICALLY CALCULATED FOR A:
- 1 LIGHT HAZARD AREA LIMITED TO A MAXIMUM OF 225 SQ. FT. PER SPRINKLER WITH THE DENSITY OF 0.10 GPM/SQ. FT. OVER THE MOST REMOTE 1500 SQ. FT. PROVIDE AN ADDITION OF 100
- 2 ALL MECHANICAL, ELECTRICAL AND ETC. AREAS SHALL BE ORDINARY HAZARD (GROUP 1) LIMITED TO A MAXIMUM OF 130 SQ. FT. PER SPRINKLER WITH A DENSITY OF 0.15 GPM/SQ. FT. PROVIDE AN ADDITION OF 250 GPM HOSE ALLOWANCE.
- 3 ALL STORAGE, TRASH, FILE STORAGE AND ETC. AREAS SHALL BE ORDINARY HAZARD (GROUP 2) LIMITED TO A MAXIMUM OF 130 SQ. FT. PER SPRINKLER WITH A DENSITY OF 0.20 GPM/SQ. FT. PROVIDE AN ADDITION OF 250 GPM HOSE ALLOWANCE.
- G ALL SPRINKLER HEAD LOCATIONS AND RELATED PIPING SHALL BE BY THE F.S.C.
- H THE ENTIRE SPRINKLER SYSTEM SHALL CONFORM TO VAMC, LOCAL, STATE AND NFPA STANDARDS, RULES AND REGULATIONS.
- I THE F.S.C. SHALL CAREFULLY COORDINATE THE LOCATION OF ALL SPRINKLER HEADS AND PIPING WITH ALL OTHER TRADES AND THE
- J THE F.S.C. SHALL VERIFY THE LOCATION OF ALL LIGHTING FIXTURES AND AIR DEVICES BEFORE INSTALLATION OF SPRINKLER HEADS.
- K ALL SPRINKLER PIPING LAYOUT AND SIZING SHALL BE BY THE F.S.C.
- L ALL SPRINKLER HEAD LOCATIONS MUST BE COORDINATED WITH ALL EQUIPMENT KINDRED TO OTHER TRADES. SPRINKLER HEAD LOCATIONS MUST BE APPROVED BY THE ARCHITECT BEFORE WORK COMMENCES. REFER TO THE ARCHITECTURAL AND REFLECTIVE CEILING PLANS FOR ADDITIONAL INFORMATION ON ALL CEILING TYPES, HEIGHTS, AND OTHER ARCHITECTURAL FEATURES.
- M THE F.S.C. SHALL MAKE NECESSARY FLOW TEST, LAY OUT SYSTEMS, AND OBTAIN APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO BEGINNING ANY FABRICATION OR INSTALLATION WORK.
- N SPRINKLER PIPING SHALL BE MINIMUM 1" SIZE. PROVIDE ALL HARD PIPING, NO FLEXIBLE PIPING ALLOWED.
- O SPRINKLER HEADS (UNLESS OTHERWISE NOTED):
 EXPOSED AREAS UPRIGHT OR PENDENT TYPE STANDARD BRASS
 CEILING AREAS RECESSED PENDENT TYPE
- ALL HEADS SHALL BE UL LISTED AND FM APPROVED.

 P SPRINKLER HEADS SHALL BE "QUICK RESPONSE" TYPE IN ALL AREAS
- Q ALL PENDENT TYPE SPRINKLER HEADS LOCATED IN SUSPENDED CEILING TILE AREAS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE.

EXCEPT HIGH TEMPERATURE AREAS.

- R ANNULAR SPACE AT PIPE AND OTHER SIMILAR PENETRATION OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. REFER TO SPECIFICATION SECTION 07 84 00 FIRESTOPPING. REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, LAYOUT AND FIRE RATING OF FLOORS, WALLS, PARTITIONS AND OTHER BUILDING
- S REFER TO SPECIFICATION SECTION 21 13 13 WET-PIPE SPRINKLER SYSTEMS FOR FLOW TEST REQUIREMENTS.
- T ALL EXISTING SMOKE COMPARTMENTS SHALL BE MAINTAINED. ALL SPRINKLER ZONES SHALL MATCH SMOKE COMPARTMENTS.
- U REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION ON SMOKE COMPARTMENTS, SMOKE PARTITIONS AND FIRE BARRIERS.

LEGEND

F.S.C.	FIRE SUPPRESSION CONTRACTOR
	DIRECTION OF FLOW
s	FIRE SUPPRESSION PIPE
F.F.E.	FINISHED FLOOR ELEVATION
OH 1	FIRE SUPPRESSION HAZARD CLASSIFICATION ORDINARY HAZARD / GROUP 1
3	"NOTE" SYMBOL (FOR NOTES ON SAME SHEET)
123	ROOM NUMBER
FR	FIRE RISER
$\stackrel{\mathbb{S}}{\Join}$	SUPERVISED VALVE
FS	FLOW SWITCH

○ NOTES

- 1 EXISTING TO REMAIN.
- 2 REMOVE EXISTING SPRINKLER HEADS AND PROVIDE NEW SPRINKLER HEADS & RENOVATE EXISTING WET-PIPE FIRE SUPPRESSION SPRINKLER SYSTEM

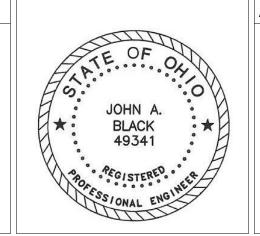
IN INDICATED AREA TO CONFORM TO NEW LAYOUT.

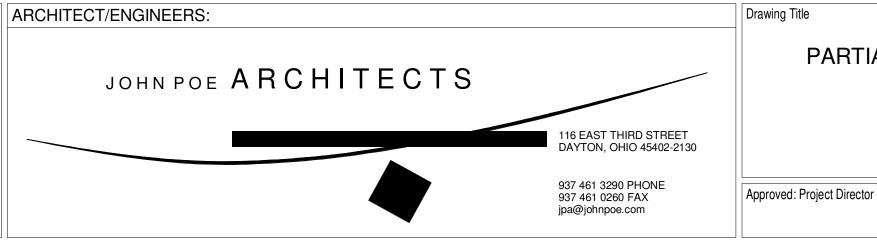
FULLY SPRINKLERED



CONSULTANTS:

one-eighth inch = one foot





PARTIAL LOWER LEVEL PLAN - NEW WORK VAMC Chillicothe Building 31 Lower
Level
Corridor Finishes

RLT.

DPB.

VA Project No.

JPA Project No.

Building Number

31

Drawing Number

Q1 [V] 101

Sab-12-107
12020.00

Office of
Construction
and Facilities
Management

GENERAL NOTES

- A ALL SUPPLY & VENT PIPING IS LOCATED ABOVE THE CEILING (AT THE UNDERSIDE OF STRUCTURE IN EXPOSED STRUCTURAL AREAS), UNLESS OTHERWISE NOTED.
- B REFER TO SCHEDULES AND DETAILS FOR PIPING, PIPE SIZES AND PIPELINE DEVICES NOT INDICATED ON THE FLOOR PLAN.
- C LOCATIONS AND SIZES OF EXISTING PIPING HAVE BEEN DETERMINED FROM A REVIEW OF EXISTING DRAWINGS AND/OR SITE INSPECTION, WHERE POSSIBLE. FIELD VERIFICATION OF EXACT LOCATION, ELEVATIONS, INVERTS, SIZES, DIRECTION OF FLOW, ETC., SHALL BE REQUIRED PRIOR TO BEGINNING NEW WORK.
- D ALL PIPING REQUIRING REMOVAL SHALL BE REMOVED BACK TO ACTIVE MAINS AND CAPPED, OR REMOVED BACK TO POINTS OF NEW CONNECTION. INACCESSIBLE PIPING, WHERE SO NOTED, TO BE ABANDONED SHALL BE DISCONNECTED FROM ACTIVE MAINS AND CAPPED OR PLUGGED IN CONCEALED LOCATIONS.
- E NEW CONNECTIONS TO EXISTING PIPING SHALL BE WITH THE SAME SIZE AS THE EXISTING PIPING UNLESS OTHERWISE NOTED.
- F ALL REMOVED MATERIAL AND EQUIPMENT SO DESIGNATED BY THE C.O.T.R., SHALL BE TURNED OVER AND PLACED WHERE DIRECTED. ALL MATERIAL AND EQUIPMENT, WHICH THE C.O.T.R. DOES NOT WISH TO RETAIN, SHALL BECOME THE PROPERTY OF THE CONTRACTOR RESPONSIBLE FOR THE REMOVAL.

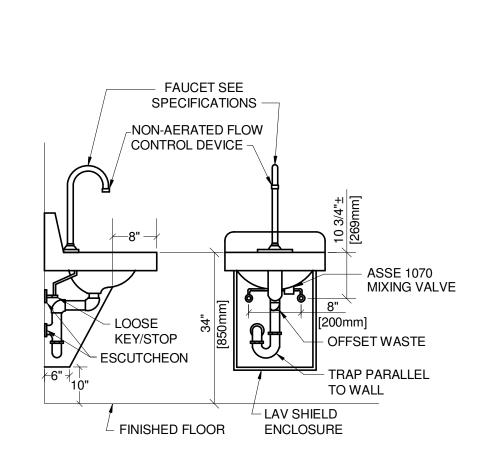
L	E	G	E	N	D		

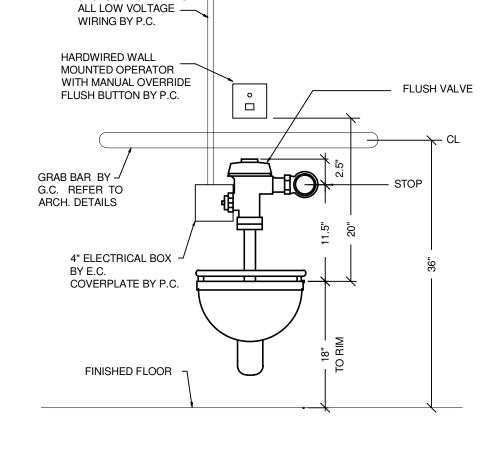
G.C.	GENERAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
F.S.C.	FIRE SUPPRESSION CONTRACTOR
H.C.	HVAC CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
	SOIL AND OR WASTE PIPE
	VENT PIPE
	DOMESTIC COLD WATER PIPE (NEW)
	DOMESTIC HOT WATER PIPE (NEW)
	DOMESTIC HOT WATER RETURN PIPE (NEW)
	SHUT-OFF VALVE (BALL)
	EXISTING PIPE TO BE REMOVED
	DIRECTION OF FLOW
	DIRECTION OF PIPING PITCH
\(\begin{pmatrix} P103 \end{pmatrix}\)	UP TO FIXTURE ABOVE
3	"NOTE" SYMBOL (FOR NOTES ON SAME SHEET)
	"CONNECT TO EXISTING" SYMBOL

\bowtie	
SS	SANITARY STACK (SOIL/WAS
VR	VENT RISER
CO	CLEANOUT
123	ROOM NUMBER
F.F.E.	FINISHED FLOOR ELEVATION
P418	PLUMBING FIXTURE DESIGNA
WC	EXISTING WATER CLOSET
LV	EXISTING LAVATORY
DF	EXISTING DRINKING FOUNTA
SK	EXISTING SINK

DETAIL A ON SHEET 31P001

				FI	XTUR	E SC	HEDL	JLE					
			FL	OW	FIXTUR	E UNITS	SUP	PLY	DRAINA	AGE CONN	IECTION		
SYMBOL	MOUNTING HEIGHT	DESCRIPTION	GPM	GPF	DRAINS	WATER C/H	COLD	НОТ	OUTLET	VENT	DIREC	T INDIRECT	REMARKS
P103	18" TO RIM	WATER CLOSET/WALL HUNG/ADA		1.28	4	5/	1"		4"	2"	•		HARD WIRED/SENSOR OPERATED/FLUSH VALVE.
P201	17" TO RIM	URINAL/WALL HUNG/ADA		0.5	2	2/	0.75"		2"	1.5"	•		HARD WIRED/SENSOR OPERATED/FLUSH VALVE.
P418	34" TO RIM	LAVATORY/WALL HUNG/20"x18"/ADA	0.5		1	0.6/0.6	0.5"	0.5"	1.5"	1.5"	•		HARD WIRED/SENSOR OPERATED FAUCET/LAV SHIELD/BELOW DECK MIXING VALVE
P609	36" TO SPOUT	WATER COOLER/DRINKING FOUNTAIN/ADA			1	0.6/0.6	0.5"	0.5"	1.5"	1.5"	•		WALL MOUNTED

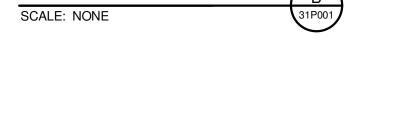




0.75" CONDUIT BY E.C.

P418 WALL HUNG LAVATORY
SCALE: NONE

31P001



P103 WATER CLOSET

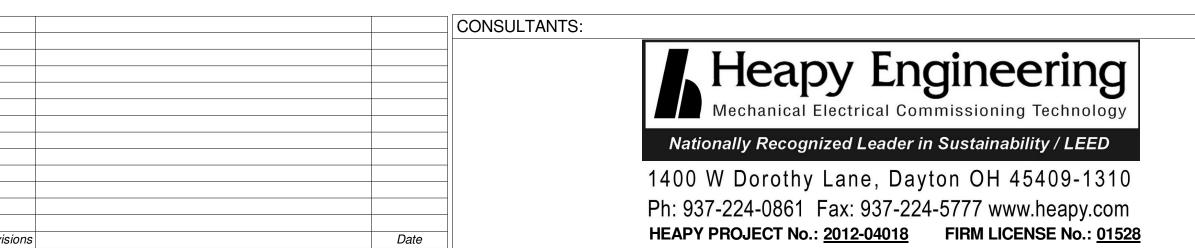
SHEET DESCRIPTION

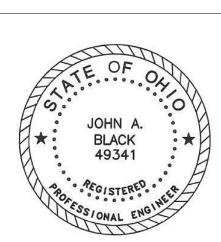
31P001 LEGEND, SCHEDULE, DETAILS, INDEX & NOTES

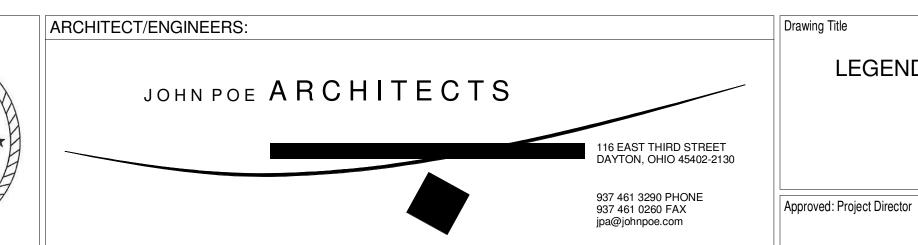
31PD101 PARTIAL LOWER LEVEL PLAN - REMOVALS

31PP101 PARTIAL LOWER LEVEL PLAN - NEW WORK

FULLY SPRINKLERED







Drawing Title	Proje
LEGEND, SCHEDULE, DETAILS, INDEX & NOTES	
	Loca

VAMC Chillicothe Building 31 Lower
Level
Corridor Finishes

Location Chillicothe, Ohio

Project No.
VA Project No.
JPA Project No.

Building Number
31

Drawing Number

Office of
Construction
and Facilities
Management

| 12/17/2012

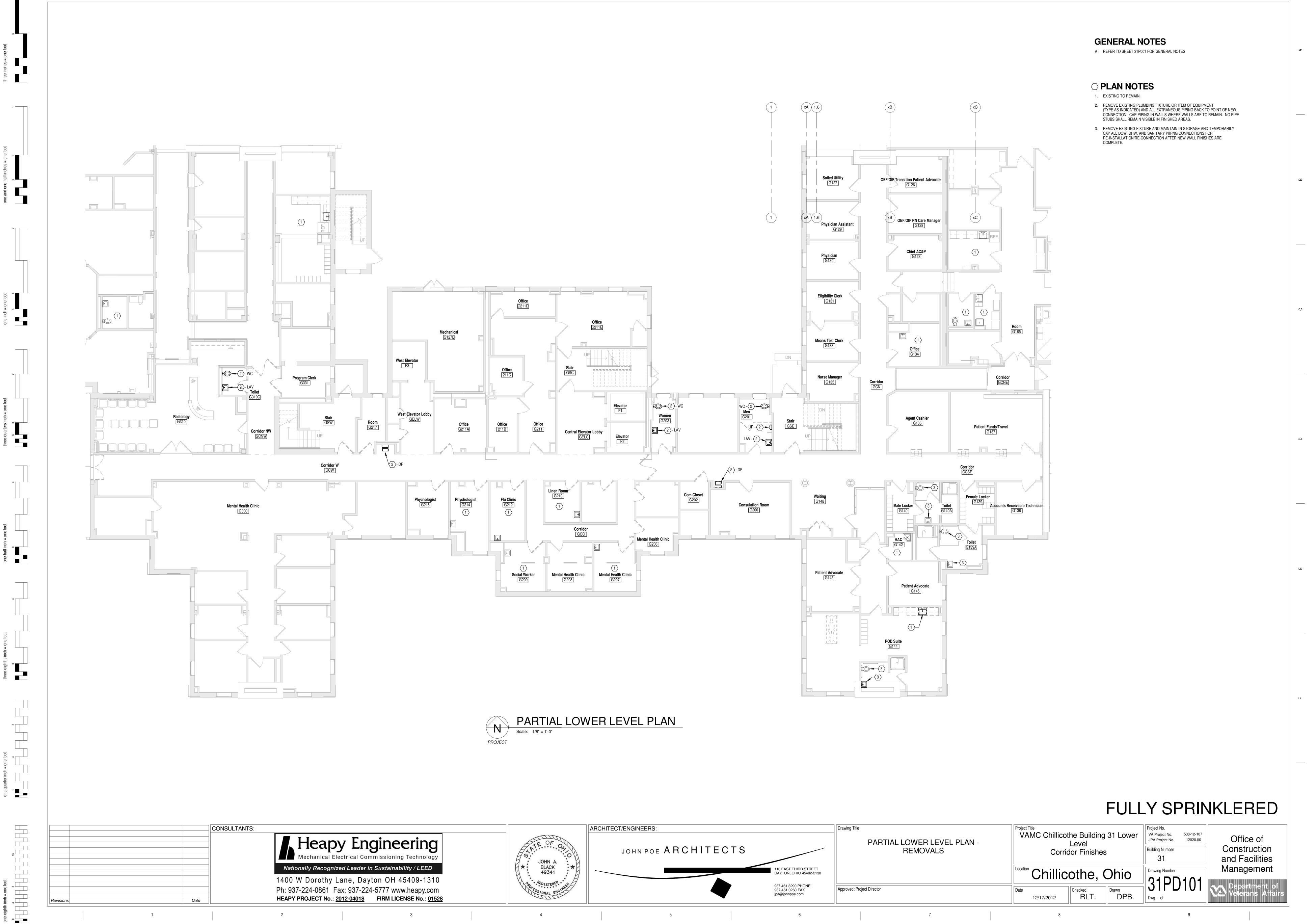
Drawn **C**

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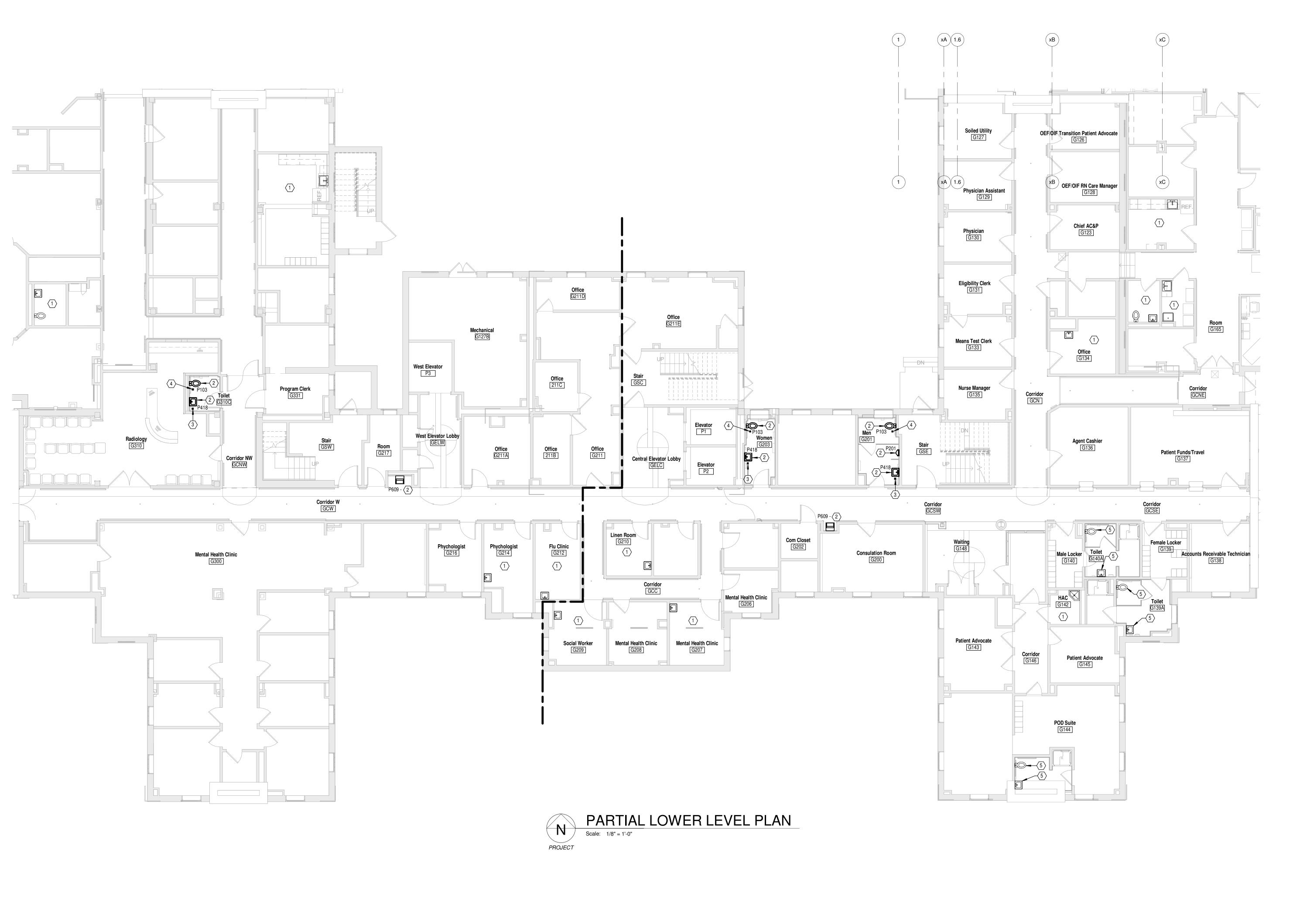
one-eighth inch = one foot

2012 RLT

01 Departm Veterans



RLT.



1 0 I

one-eighth inch = one foot

GENERAL NOTES

A REFER TO SHEET 31P001 FOR GENERAL NOTES

○ PLAN NOTES

1. EXISTING TO REMAIN.

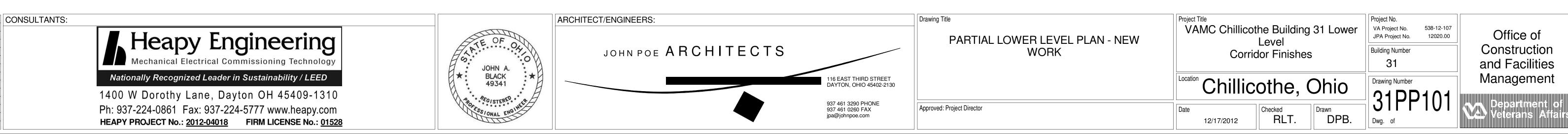
 REPLACE EXISTING FIXTURE CARRIER AND EXTEND EXISTING DCW, DHW AND SANITARY WASTE & VENT PIPING TO ACCOMMODATE NEW FIXTURE. CUTTING AND PATCHING OF EXISTING WALL SHALL BE BY DIVISION 22 CONTRACT.

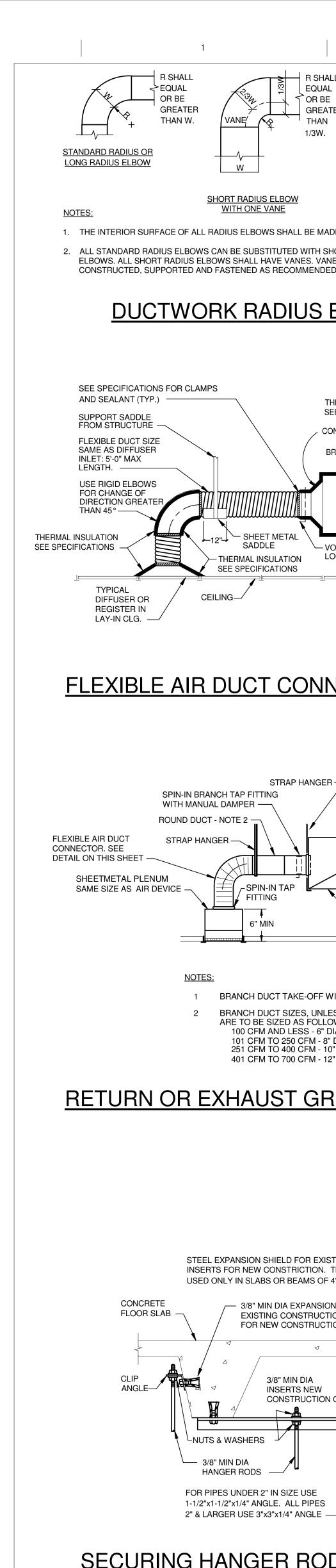
3. BOX MOUNTED TRANSFORMER LOCATED ABOVE THE LAY-IN CEILING TO CONTROL SENSOR OPERATED FAUCET ON FIXTURE(S) BELOW. 120V-1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY E.C. A 0.75" CONDUIT (FOR LOW VOLTAGE WIRING) STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX BELOW EACH LAVATORY WILL BE PROVIDED BY THE E.C. THE TRANSFORMER AND LOW VOLTAGE WIRING SHALL BE BY THE P.C. THE P.C SHALL COORDINATE ALL WORK WITH THE E.C.

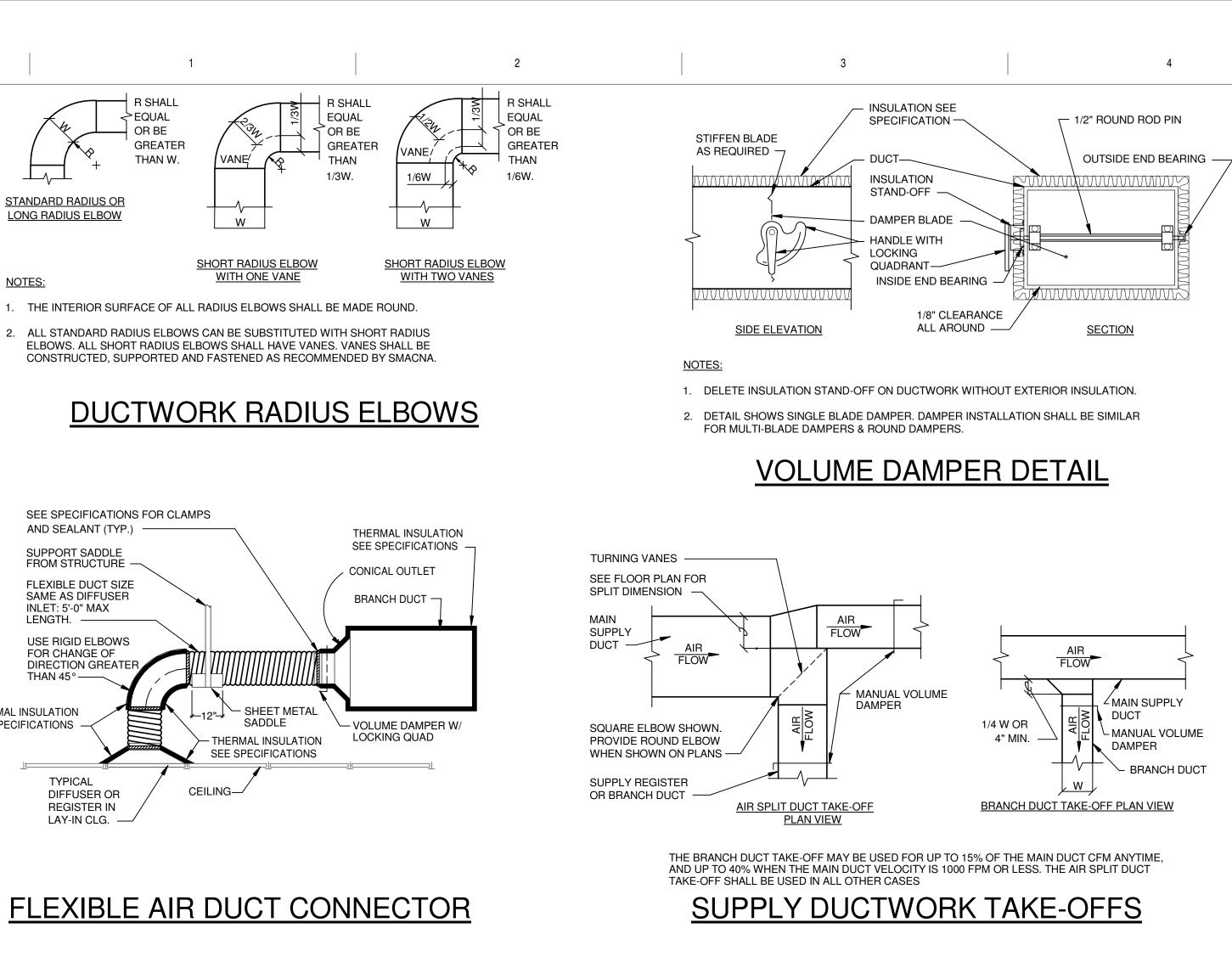
4. BOX MOUNTED TRANSFORMER LOCATED ABOVE THE LAY-IN CEILING TO CONTROL SENSOR OPERATED FLUSH VALVE(S) ON FIXTURE(S) BELOW. 120V-1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY THE E.C. A 0.75" CONDUIT (FOR LOW VOLTAGE WIRING) STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX LOCATED BEHIND EACH FLUSH VALVE WILL BE PROVIDED BY THE E.C. THE TRANSFORMER AND LOW VOLTAGE WIRING SHALL BE BY THE P.C. THE P.C. SHALL COORDINATE ALL WORK WITH THE E.C.

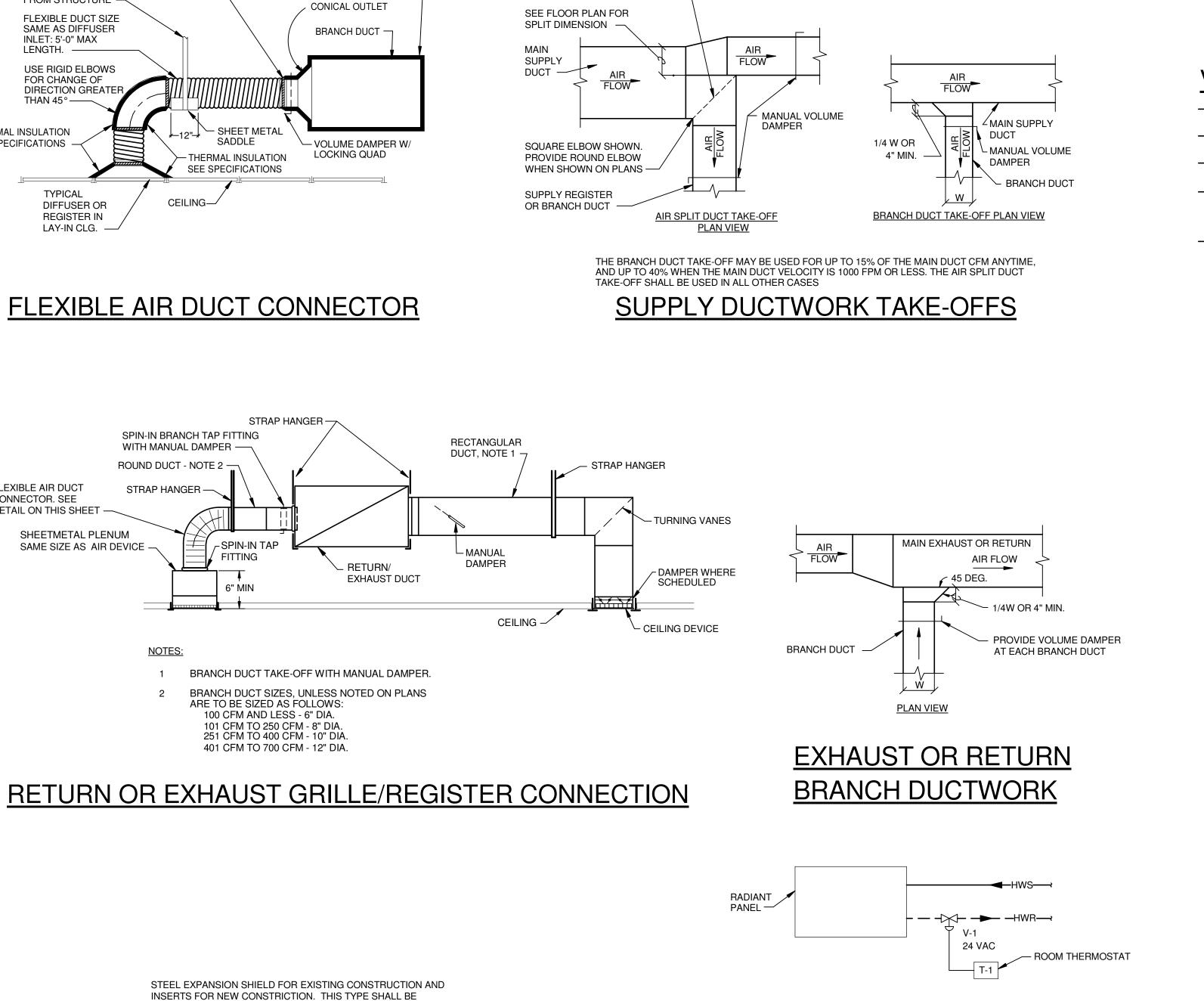
5. RE-INSTALL EXISTING FIXTURE AND RE-CONNECT ALL DCW, DHW, AND SANITARY PIPING CONNECTIONS AFTER NEW WALL FINISHES ARE COMPLETE.

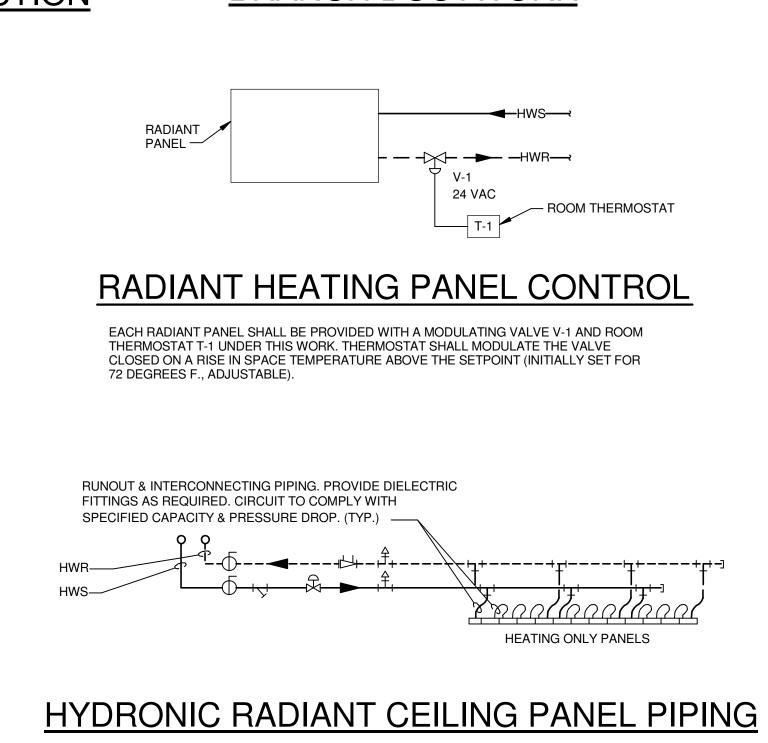
FULLY SPRINKLERED

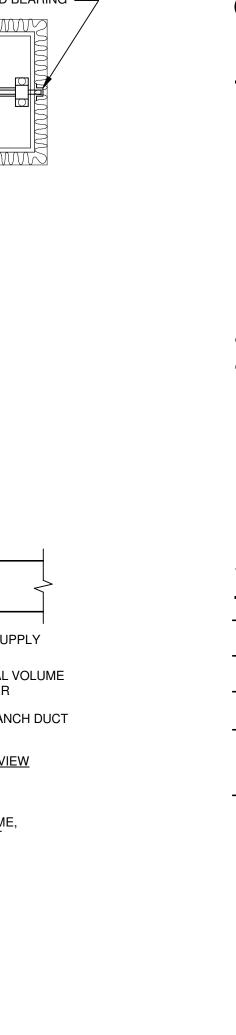


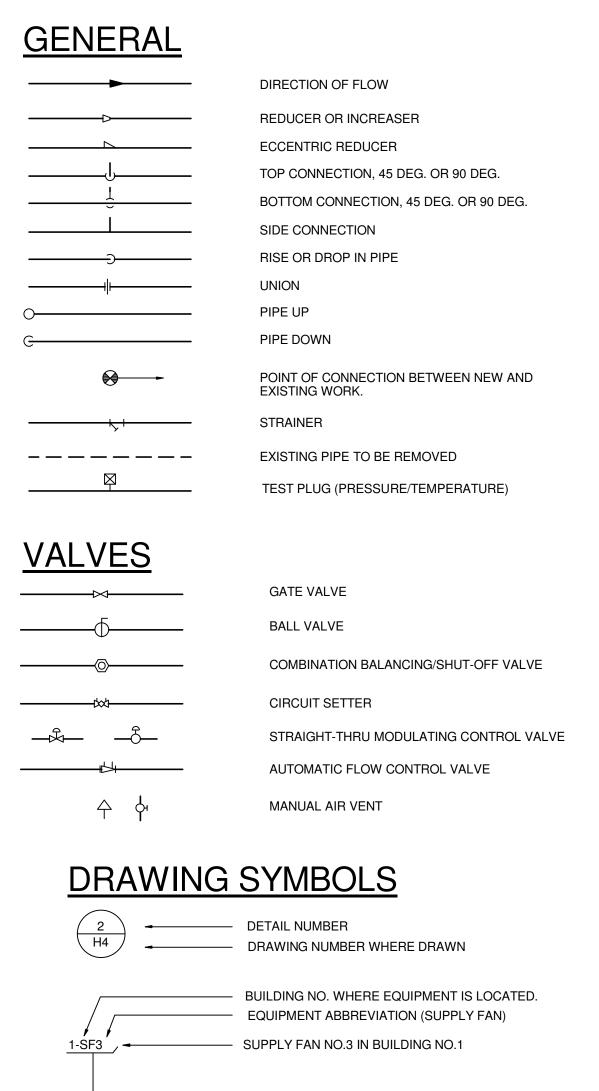




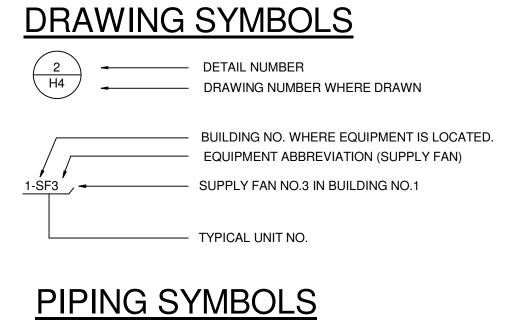








ROOM CONTROL: THERMOSTAT, HUMIDISTAT



HEATING HOT WATER SUPPLY HEATING HOT WATER RETURN

ABBREVIATIONS ACCESS DOOR AIR PRESSURE DROP AUTOMATIC TEMPERATURE CONTROLS BRITISH THERMAL UNIT BRITISH THERMAL UNIT PER HOUR CEILING DIFFUSER **CUBIC FEET PER MINUTE** CONTRACTING OFFICERS TECHNICAL REPRESENTATIVE

00111	CONTINUE IN CONTINUE TE
CR	CEILING REGISTER
Db	DRY BULB TEMPERATURE, DEG. F
DB	DECIBELS
DDC	DIRECT DIGITAL CONTROLS
DEG	DEGREE
DIA	DIAMETER
DPS	DIFFERENTIAL PRESSURE SENSOR
E.A.	EXHAUST AIR
E.C.L.	ETCHED CLEAR LACQUER
EX.	EXISTING
F	FAHRENHEIT
FC	FLEXIBLE CONNECTION
FLR.	FLOOR
FPM	FEET PER MINUTE
FT	FEET
GPM	GALLONS PER MINUTE
HRP	HYDRONIC RADIANT CEILING PANEL
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
IN	INCHES
IN WC	INCHES WATER COLUMN
IN WG	INCHES WATER GAUGE
LAT	LEAVING AIR TEMPERATURE
MAX	MAXIMUM
MIN	MINIMUM
NC	NOISE CRITERIA
NOM	NOMINAL
NA	NON APPLICABLE
PD	PRESSURE DROP (FEET OF WATER)
R.A.	RETURN AIR
Rh	RELATIVE HUMIDITY
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE (INCHES OF WATER)
TG	TRANSFER GRILLE
UH	UNIT HEATER
V	VALVE
VAV	VARIABLE AIR VOLUME
Wb	WET BULB TEMPERATURE, DEG. F

WHITE BAKED ENAMEL

GENERAL NOTES

CODES AND STANDARDS.

PASSAGE OF FIRE & SMOKE.

1. THESE NOTES APPLY EQUALLY TO THE FULL SET OF DOCUMENTS

2. INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

3. INSULATE DUCTWORK AND PIPING WHERE EXISTING INSULATION HAS BEEN DAMAGED AND/OR REMOVED IN THE PERFORMANCE OF WORK IN THIS PROJECT.

4. ALL WORK MUST BE COORDINATED WITH THE CONTRACTING OFFICER AND PROJECT

ENGINEER (COTR) TO MAINTAIN OPERATION OF THE EXISTING FACILITY. 5. ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH ALL GOVERNING

6. EXISTING CONDITIONS SHOWN HAVE BEEN BASED UPON AVAILABLE DRAWING INFORMATION, AND MAY BE AT VARIANCE WITH ACTUAL WORK IN PLACE. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND FIELD VERIFY ALL CONDITIONS AFFECTING THE EXECUTION OF THE WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE WORK SHOWN ON THE CONTRACT DOCUMENTS WHICH MAY IMPACT THE PROGRESS OF THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.

7. EACH CONTRACTOR AND/OR TRADE, FITTING OR PLACING HIS WORK INTO OR ON THE WORK OF OTHERS DOES SO WITH THE UNDERSTANDING THAT THE INSTALLATION OF HIS WORK CONSTITUTES HIS ACCEPTANCE OF THE SUITABILITY OF THE WORK IN PLACE. IF THE WORK OF OTHERS IS NOT ACCEPTABLE, HE SHALL NOTIFY THE PROJECT ENGINEER (COTR) AND SUCH WORK SHALL BE CORRECTED. ANY NEW WORK INSTALLED IN UNSUITABLE EXISTING WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR TRADE INSTALLING THE NEW WORK. NO CLAIMS FOR ADDITIONAL COMPENSATION FOR CORRECTING WORK INSTALLED IN UNSUITABLE EXISTING CONDITIONS WILL BE CONSIDERED.

8. IF, IN THE PERFORMANCE OF THIS WORK, MATERIALS ARE OBSERVED WHICH ARE SUSPECTED TO CONTAIN ASBESTOS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE COTR. WORK THAT WOULD EXPOSE WORKERS TO THE INHALATION OF ASBESTOS PARTICLES SHALL BE TERMINATED. WORK MAY BE RESUMED ONLY AFTER A DETERMINATION HAS BEEN MADE AND UNSAFE MATERIALS HAVE BEEN REMOVED OR ENCAPSULATED AND THE AREA DECLARED SAFE.

9. ANNULAR SPACE OF ALL PIPE, CONDUIT, DUCT & OTHER SIMILAR PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. IN ADDITION, PENETRATIONS THROUGH 0-HOUR RATED WALLS & FLOORS SHALL BE FIRESTOPPED TO RETARD

10. ALL PIPING, DUCTS, CONDUITS, ETC. IN FINISHED ROOMS, CORRIDORS, ETC. SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE SUSPENDED CEILING.

11. FOR PIPING CONNECTIONS TO EQUIPMENT, SEE DETAILS ON SHEET 31M001.

12. DIFFUSER SIZES SHOWN ON FLOOR PLANS ARE NECK SIZES. REGISTER AND GRILLE SIZES SHOWN ARE FACE SIZES.

13. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.

14. ALL CUTTING AND PATCHING REQUIRED FOR THIS PROJECT SHALL BE INCLUDED IN THE CONTRACT. REFINISH ANY SURFACE DISTURBED UNDER THIS WORK TO MATCH

15. ANY REMOVED EQUIPMENT SHALL BE TURNED OVER TO THE VA. ITEMS NOT DESIRED BY THE VA SHALL BE REMOVED FROM THE PREMISES AND DISPOSED OF PROPERLY BY THE CONTRACTOR.

16. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

BE REMOVED.

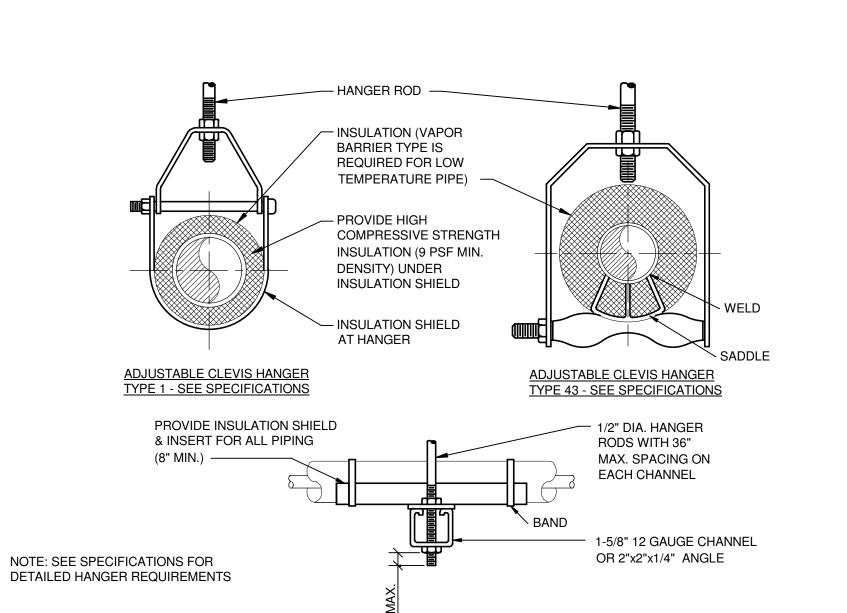
17. ALL ABANDONED EXTRANEOUS PIPING, DUCTWORK, SUPPORTS, CONTROLS, ETC. SHALL

18. TERMINATE PIPING AND DUCTWORK BELOW FLLORS, ABOVE CEILINGS, ETC., IN CONCEALED SPACES. ALL CUTTING AND PATCHING SHALL MATCH EXISTING FINISHES.

19. ALL EXISTING DUCTWORK, PIPING, EQUIPMENT, CONTROLS, ETC. SHOWN DASHED SHALL BE REMOVED. THE MAJORITY OF WORK TO BE REMOVED IS SHOWN. REMOVE ALL INCIDENTAL ABANDONED DUCTWORK, PIPING, ETC. THAT MAY NOT BE SHOWN BUT IS ASSOCIATED WITH THE REMOVAL WORK.

20. WHERE EXISTING HVAC UTILITIES IN SERVICE WILL BE DISRUPTED DURING THE CONSTRUCTION OF THIS PROJECT. THIS WORK SHALL BE PERFORMED ON WEEKENDS OR WEEK NIGHTS, IF REQUIRED BY THE PROJECT ENGINEER (COTR). DOWNTIME SHALL BE KEPT TO A MINIMUM, AND SHALL BE COORDINATED AND SCHEDULED WELL IN ADVANCE WITH THE PROJECT ENGINEER (COTR).

21. RUNOUT PIPING TO TERMINAL UNITS SHALL BE 0.75" SIZE UNLESS OTHERWISE NOTED.



						SIDE V	<u>1000</u>		HANG IFORM		R UP TO	<u>)</u>							
					MAX	KIMUM	PIPE/TI	UBING	SUPPC	RT SPA	ACING								
NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	FT.	7	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
TUBING	FT.	5 FT	6	7	8	8	9	10	12	13	14	16	ı	ı	ı	ı	-	-	-
NOTE:	FOR T	RAPEZE HANG	SER TA	KE SPA	CING C	F SMA	LLEST	SIZE O	N TRAF	EZE.	-								

0)/M/DOL	DECODIDATION	TYPE MOUNTING		MAT	ERIAL	FINIS	H		OFF NOTE
SYMBOL	DESCRIPTION	LAY-IN	SURFACE	STEEL ALUM.		E.C.L.	W.B.E.	ACCESSORIES	SEE NOTE
CD1	STANDARD SQ. PLAQUE CEILING DIFFUSER ROUND NECK	٥		0			٥		
CD2	LINEAR PLENUM SLOT ADJUSTABLE BLADE DIFFUSER		0	0			0	INSUL. PLENUM	1
CG1	EGGCRATE CEILING GRILLE	0			0		0		
CR1	EGGCRATE CEILING EXHAUST GRILLE	0			٥		٥		
CR2	EGGCRATE CEILING EXHAUST GRILLE		0		0				

1 40" | ENCTH 2 1" CLOTS

1 48" LENGTH, 2 - 1" SLOTS										
HYDRONIC RADIANT CEILING PANELS										
PANEL NO.	INDIVIDUAL PANEL SIZE	PANEL QUANTITY	HEATING CAPACITY BTU/HR	AVERAGE WATER TEMP.	GPM	MAX. P.D.	PIPE RUNOUT SIZE	AUTO VALVE TYPE	AUTO VALVE CV	NOTES
31-RHP1	24" x 48"	2	2,820	165	0.5	1 FT.	0.75"	2-WAY	0.2	1

1 PERFORMANCE BASED ON 70 DEG. F. AIR TEMPERATURE, 67 DEG. F. A.U.S.T. AND NATURAL CONVECTION, WITH 3" INSULATION PLACED ON TOP.

INDEX OF DRAWINGS				
SHEET	DESCRIPTION			
31M001	INDEX, LEGEND, GENERAL NOTES, AND DETAILS			
31MD101	PARTIAL LOWER LEVEL PLAN - REMOVALS			
31MH101	PARTIAL LOWER LEVEL PLAN - NEW WORK			

SECURING HANGER RODS IN CONCRETE

PIPE HANGERS

FULLY SPRINKLERED



TURNBUCKLE

3/8" MIN DIA

HANGER RODS

USED ONLY IN SLABS OR BEAMS OF 4" MIN DEPTH ———

— 3/8" MIN DIA EXPANSION BOLTS FOR

FOR NEW CONSTRUCTION

3/8" MIN DIA

NUTS & WASHERS

3/8" MIN DIA

one-eighth inch = one foot

HANGER RODS ——/

FOR PIPES UNDER 2" IN SIZE USE 1-1/2"x1-1/2"x1/4" ANGLE. ALL PIPES

INSERTS NEW

CONSTRUCTION ONLY.

EXISTING CONSTRUCTION AND INSERTS



ARCHITECT/ENGINEERS:		Drawi
JOHN POE ARCHITECTS		
	116 EAST THIRD STREET DAYTON, OHIO 45402-2130	
	937 461 3290 PHONE 937 461 0260 FAX jpa@johnpoe.com	Appro

Drawing Title	
	INDEX, LEGEND, GENERAL NOTES, AND DETAILS

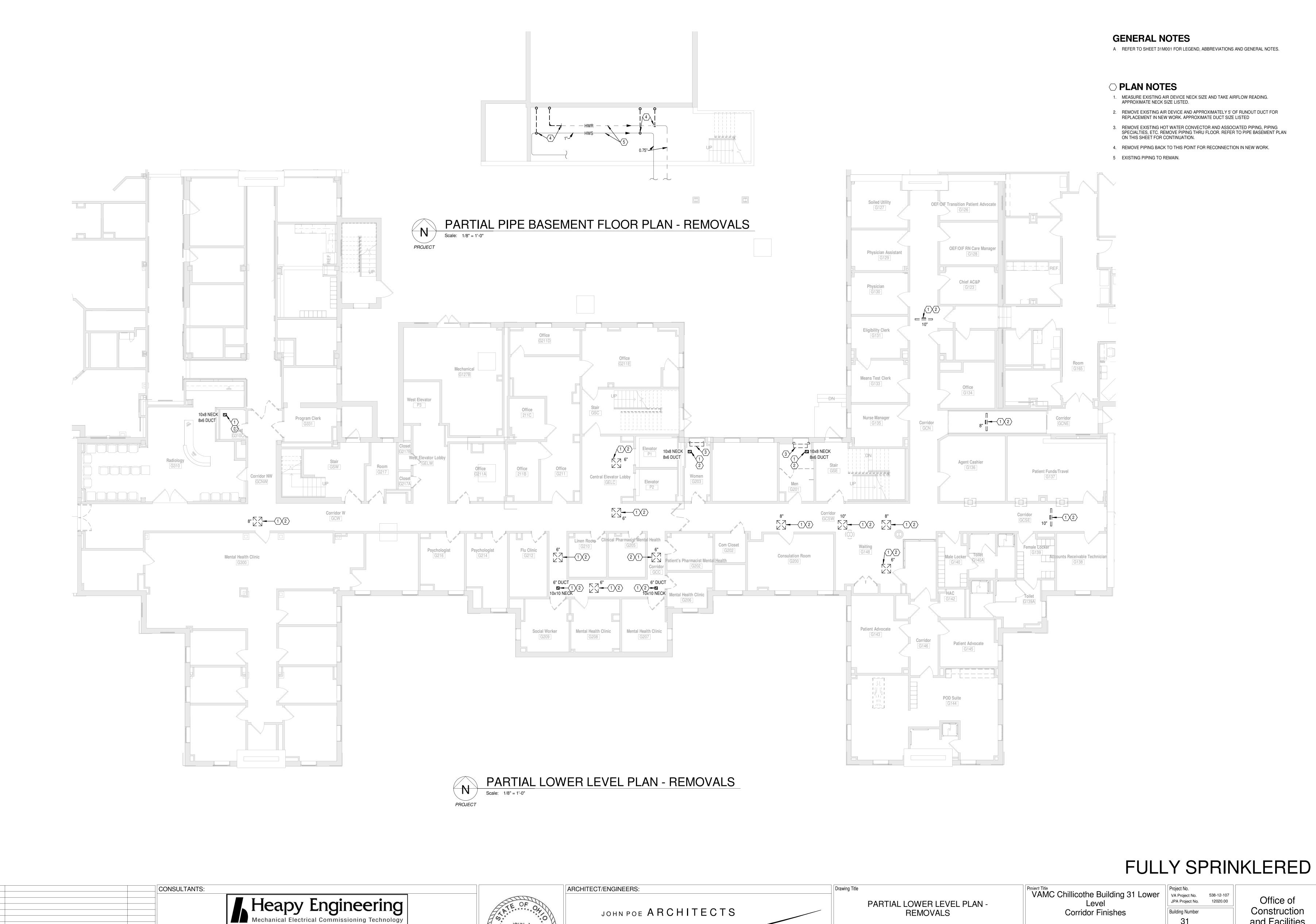
VAMC Chillicothe Building 31 L Level Corridor Finishes	.OW

Project No.	
VA Project No.	538-12-107
JPA Project No.	12020.00
Building Number	
31	
	VA Project No. JPA Project No. Building Number

Office of Construction and Facilities Management

proved: Project Director

Chillicothe, Ohio Drawn WJS DLE

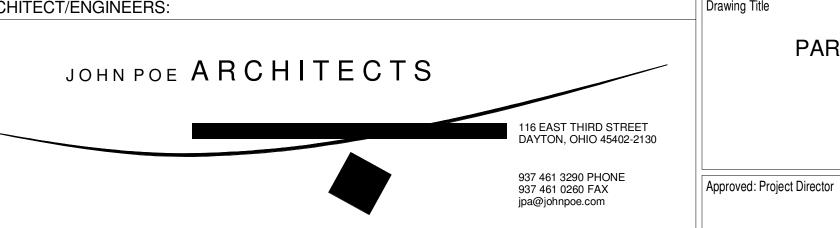


Heapy Engineering

Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com HEAPY PROJECT No.: 2012-04018 FIRM LICENSE No.: 01528

one-eighth inch = one foot



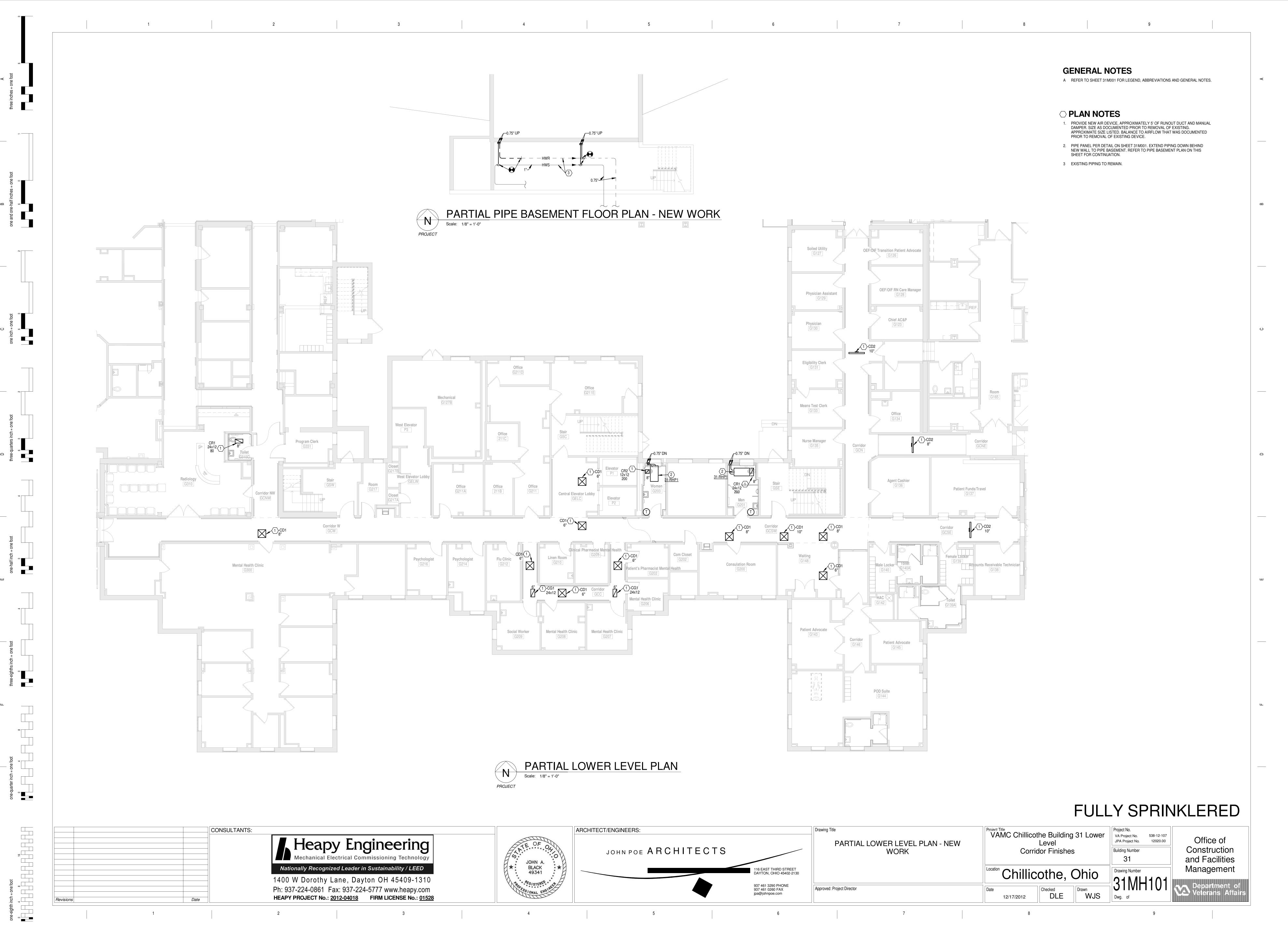


Chillicothe, Ohio

DLE

Drawn WJS

and Facilities Management



TECHNOLOGY SYMBOLS

AP	CEILING MOUNTED WIRELESS ACCESS POINT WITH DATA DROP ABOVE CEILING. PROVIDE 20' COIL IN DATA CABLE TO FACILITATE RELOCATION OF WAP. WAP PROVIDED BY OWNER.
	CONDUIT SLEEVE / FIRE RATED SLEEVE ASSEMBLY THRU WALL (1-2" SLEEVE UNLESS NOTED OTHERWISE).
	WALL MOUNTED VOICE/DATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE CORRIDOR CEILING, JACKS, FACEPLATE AND CABLE. REFER TO FACEPLATE DETAILS.
♦x	WALL MOUNTED AV OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUITS TO ABOVE ACCESSIBLE CEILING. REFER TO FACEPLATE DETAILS. PROVIDE JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
\Diamond	TELECOM BOX AND CONDUIT, REFER TO PLANS.
	WALL MOUNTED PHONE OUTLET (46" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING JACKS, FACEPLATE AND CABLE. REFER TO FACEPLATE DETAILS.
®x	WALL MOUNTED AV OUTLET (84" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT. REFER TO FACEPLATE DETAILS. PROVIDE JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
♦×	WALL MOUNTED AV OUTLET (44" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT. REFER TO FACEPLATE DETAILS. PROVIDE JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
	CUSTOM OUTLET IN SURFACE RACEWAY, OUTLET JACKS, FACEPLATE AND CABLING.
# _X	TECHNOLOGY FLOOR BOX, PROVIDE APPROPRIATE CONNECTOR PLATE AND HINGED COVER. "#" INDICATES OUTLET TYPE. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION. REFER TO FACEPLATE DETAILS.

AV SYMBOLS

15 W	SINGLE FACED, WALL MOUNTED CLOCK (102" MH UNLESS NOTED OTHERWISE). 12" DIAMETER FACE UNLESS SUBSCRIPT "15" FOR 15" DIAMETER FACE. SUBSCRIPT "W" INDICATES WIREGUARD.
15	DOUBLE FACED, WALL MOUNTED CLOCK (102" MH UNLESS NOTED OTHERWISE). 12" DIAMETER FACE UNLESS SUBSCRIPT "15" FOR 15" DIAMETER FACE.
42	FLAT PANEL DISPLAY WITH WALL MOUNTING HARDWARE (84" MH UNLESS NOTED OTHERWISE). # INDICATES NOMINAL SCREEN DIAGONAL SIZE.
PS	CEILING MOUNTED MANUAL PROJECTION SCREEN.
H _{PS}	WALL MOUNTED MANUAL PROJECTION SCREEN.
PRX	CEILING MOUNTED PROJECTOR. SUBSCRIPT "X" INDICATES CONFIGURATION TYPE, REFER TO FACEPLATE DETAILS.
<u>\$</u>	CEILING MOUNTED PAGING/INTERCOM SYSTEM SPEAKER.
⑤ ✓	HORN TYPE PAGING/INTERCOM SYSTEM SPEAKER (90" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, GROMMETED FACEPLATE, SPEAKER, INSTALLATION AND WIRING.
Sh	SURFACE MOUNTED PAGING/INTERCOM SPEAKER (90" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "H" INDICATES HANGING CEILING SPEAKER. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, SPEAKER, INSTALLATION AND CABLING.
V	PAGING/INTERCOM SYSTEM WALL MOUNTED SPEAKER VOLUME CONTROLLER (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX AND 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, VOLUME CONTROLLER WITH FACEPLATE, INSTALLATION AND WIRING.

CECUDITY CYMDOLC

1 0 I

one-eighth inch = one foot

\bigcirc X	
	CCTV SYSTEM CEILING MOUNTED CAMERA. REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS. SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE.
CE	PROVIDE INTERFACE FROM CARD ACCESS SYSTEM INTO ELEVATOR CONTROLLER INCLUDING ALL NECESSARY HARDWARE, PROGRAMMING AND CABLING AS COORDINATED WITH ELEVATOR CONTRACTOR.
GB	GLASS BREAK.
IM	DESK MOUNTED INTERCOM MASTER STATION.
MD	CEILING MOUNTED MOTION DETECTOR.
PB	DESK MOUNTED PUSH BUTTON FOR LOCAL ELECTRONIC DOOR RELEASE.
PP	DESK MOUNTED PANIC/DURESS BUTTON.
HCC X	CCTV SYSTEM WALL MOUNTED CAMERA (REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS). SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE. 1-GANG BOX WITH 0.75" CONDUIT TO ABOV ACCESSIBLE CEILING, CAMERA AND CABLING.
CR	FUTURE WALL MOUNTED PROXIMITY CARD READER (46" MH UNLESS NOTED OTHERWISE). PROVIDE 1-GANG BOX WITH CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING,
CR) _{EL}	ELEVATOR CAB MOUNTED CARD READER. READER TO BE INSTALLED IN ELEVATOR CAB AS COORDINATED WITH ELEVATOR CONTRACTOR. WIRING FROM CAB THRU TRAVELING CABLE TO ELEVATOR CONTROLLER IN ELEVATOR MACHINE ROOM AND INTERFACE WITH ELEVATOR CONTROLLER AND SMS, COORDINATE WITH ELEVATOR CONTRACTOR. REFER TO SECURITY ROUGH-IN DETAILS.
DC	LOCAL IP BASED 2-DOOR ACCESS CONTROL PANEL SERVING LOCAL CARD READER/SECURITY CONTROLLED DOORS. LOCATE ABOVE ADJACENT ACCESSIBLE CEILING. PROVIDE DATA DROP IN 0.75" CONDUIT TO LOCAL DATA CLOSET. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL SECURITY SYSTEM JUNCTION BOX. REFER TO SECURITY ROUGH-IN DETAILS FOR WORK.
DM	FUTURE DOOR POSITION SWITCH. PROVIDE CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING.
EL	ELECTRONIC DOOR LOCK AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. REFER TO SECURITY ROUGH-IN DETAILS.
EM	ELECTRONIC MAG LOCK AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. REFER TO SECURITY ROUGH-IN DETAILS.
ES	FUTURE ELECTRONIC STRIKE. PROVIDE CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING.
HA	WALL/PEDESTAL MOUNT HANDICAP DOOR ACTUATOR BUTTON, FURNISHED BY OTHERS. BOX AS REQUIRED BY SYSTEM MANUFACTURER WITH INSTALLATION AND CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. ALL LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR MOTOR. REFER TO SECURITY ROUGH-IN DETAILS.
HD	HANDICAP DOOR OPERATOR MOTOR ASSEMBLY BY OTHERS. 120V POWER CONNECTION AND CONDUIT FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR ACTUATOR BUTTONS. REFER TO SECURITY ROUGH-IN DETAILS.
IC	WALL MOUNTED INTERCOM DOOR STATION (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, INTERCOM AND CABLING.
JB	SECURITY SYSTEM JUNCTION BOX TO BE LOCATED ABOVE ACCESSIBLE CEILING (MIN 6"X6"X4"). ROUTE LOCAL DOOR SECURITY WIRING CONDUITS/RACEWAYS TO JUNCTION BOX. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL 2-DOOR CONTROL PANEL/REMOTE DOOR CONTROL PANEL AS INDICATED ON DRAWINGS. REFER TO SECURITY ROUGH-IN DETAILS FOR WORK.
K	WALL MOUNTED SECURITY KEYPAD ENTRY STATION (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, KEYPAD AND CABLING.
KC	WALL MOUNTED COMBINATION KEYPAD/CARDREADER (46" MH UNLESS NOTED OTHERWISE). 2-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, DEVICE AND CABLING.
MD	CEILING MOUNTED MOTION DETECTOR. 1-GANG BOX MOUNTED IN CEILING, DETECTOR AND CABLING.
HMD)	WALL MOUNTED MOTION DETECTOR (90" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, MOTION DETECTOR, WALL MOUNT HARDWARE, AND CABLING.
PBW	WALL MOUNTED PUSH BUTTON FOR LOCAL ELECTRONIC DOOR RELEASE (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, BUTTON AND CABLING.
PPW	WALL MOUNTED PANIC/DURESS BUTTON (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, BUTTON AND CABLING.
PSX	LOCAL LOW VOLTAGE POWER SUPPLY FOR EXTERIOR CAMERA. SUBSCRIPT "X" INDICATES ASSOCIATED CAMERA. 120V POWER INTO LOCAL JUNCTION BOX ABOVE CEILING AND CONNECTION TO POWER SUPPLY, POWER SUPPLY MOUNTED ABOVE CEILING AND LOW VOLTAGE WIRING TO LOCAL CAMERA.
RX	FUTURE WALL MOUNTED REQUEST TO EXIT PIR DETECTOR. PROVIDE CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING.
X	WALL MOUNTED SECURITY SYSTEM WIRING OUTLET MOUNTED BELOW COUNTER TOP. 2-GANG BOX WITH 2-1" CONDUITS TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. GROMMETED FACEPLATE AND SECURITY

CONSULTANTS:

FLECTRICAL SYMBOLS

_ ^	SYMBOLS
Φ \$	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.
Φ \$	EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.
•	ELECTRICAL CONNECTION.
φ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
Φ	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
<u> </u>	
Ψ	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.
Ψ	20A-125V DOUBLE DUPLEX RECEPTACLE. NEMA 5-20R, (18" MH UNLESS NOTED OTHERWISE) TWO GANG ASSEMBLY.
Φ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH. (18" MH UNLESS NOTED OTHERWISE).
Ψ	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).
φ ^{GF}	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).
Φ ^{WP}	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R (HORIZONTAL 18" MH UNLESS NOTED OTHERWISE) WIT
$\Phi^{WP/GF}$	WEATHERPROOF COVER, VERTICAL MOUNT. 20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH
—————————————————————————————————————	UNLESS NOTED OTHERWISE), WITH WEATHERPROOF COVER, VERTICAL MOUNT.
	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, ON EMERGENCY POWER (18" MH UNLESS NOTED OTHERWISE).
Φ'	20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE, HOSPITAL USE (66" MH UNLESS NOTED OTHERWISE).
	20A-125V DUPLEX PEDESTAL TYPE FLOOR RECEPTACLE. PROVIDE CARPET FLANGE WHERE REQUIRED.
	20A-125V DUPLEX RECEPTACLE IN FLOOR BOX. PROVIDE CARPET FLANGE WHERE REQUIRED.
Φ^{IG}	20-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH ISOLATED GROUND (18" MH UNLESS NOTED OTHERWISE).
Φ ^{20A}	20A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-20R (18" MH UNLESS NOTED OTHERWISE).
Φ ^{30A}	30A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-30R (18" MH UNLESS NOTED OTHERWISE).
${\Phi^{\text{50A}}}$	
	50A-125/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-50R (18" MH UNLESS NOTED OTHERWISE).
Ø ^{20A}	20A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-20R (18" MH UNLESS NOTED OTHERWISE).
φ ^{30A}	30A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-30R (18" MH UNLESS NOTED OTHERWISE).
φ ^{50A}	50A-250V-3PH-4W SINGLE RECEPTACLE, NEMA 15-50R (18" MH UNLESS NOTED OTHERWISE).
(J)	JUNCTION BOX.
	MULTI-OUTLET RECEPTACLES ASSEMBLY, NEMA 5-15R (SINGLE OUTLETS ON 18" CENTERS) (46" MH UNLESS NOTED
	OTHERWISE).
<u> </u>	CLOCK HANGER OUTLET, SINGLE NEMA 5-15R RECESSED IN COVER PLATE (84" MH UNLESS NOTED OTHERWISE).
\$	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).
2 \$	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
3 \$	THREE-WAY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
4 \$	FOUR-WAY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
P	SWITCH WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
 K	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
<u> </u>	
\$	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
DM \$	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE) 1000 WATTS UNLESS OTHERWISE INDICATED.
R \$	SWITCH WITH RECEPTACLE (46" MH UNLESS NOTED OTHERWISE) STANDARD TWO-GANG ASSEMBLY OF SWITCH AND RECEPTACLE.
M \$	FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLES NOTED OTHERWISE).
H \$	HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.
Р/В	PULL BOX.
	DISCONNECT SWITCH.
	MOTOR STARTER.
\boxtimes	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.
N	ELECTRIC MOTOR.
⊘ UH	UNIT HEATER.
—————————————————————————————————————	FAN COIL.
FC FC	
~	AIR CONDITIONER
∕∕ _{AC}	AIR CONDITIONER.
~AC CU	AIR CONDITIONER. CONDENSING UNIT.
⊘ _{CU}	CONDENSING UNIT.
~ CU ~ CU	CONDENSING UNIT. UNIT VENTILATOR.
Ø _{CU} Ø _{UV}	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL.
©R PP	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT.
	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER.
PDH EB	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER.
	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER.
PDH EB	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH
PDH HEB	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
 ✓ CU ✓ UV ⑤R ⑥P ①	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
✓ CJ ✓ JV (R) (P) (T) (E) (D) (E) (E) <t< td=""><td>CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING.</td></t<>	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING.
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	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING. PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). BUZZER (90" MH UNLESS NOTED OTHERWISE). 4" DIAMETER BELL (90" MH UNLESS NOTED OTHERWISE).
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	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING. PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). BUZZER (90" MH UNLESS NOTED OTHERWISE). 4" DIAMETER BELL (90" MH UNLESS NOTED OTHERWISE). ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED
	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING. PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). BUZZER (90" MH UNLESS NOTED OTHERWISE). 4" DIAMETER BELL (90" MH UNLESS NOTED OTHERWISE). ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE).
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	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION: SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING. PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). BUZZER (90" MH UNLESS NOTED OTHERWISE). 4" DIAMETER BELL (90" MH UNLESS NOTED OTHERWISE). ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE). PHOTOELECTRIC SENSOR. LIGHTING CONTACTOR.
	CONDENSING UNIT. UNIT VENTILATOR. CORD REEL. POWER POLE. LINE VOLTAGE THERMOSTAT. DUCT HEATER. ELECTRIC BASEBOARD HEATER. INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE). INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE). INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE). INTERCOM SPEAKER FLUSH MOUNT IN CEILING. PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). BUZZER (90" MH UNLESS NOTED OTHERWISE). 4" DIAMETER BELL (90" MH UNLESS NOTED OTHERWISE). ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE). PHOTOELECTRIC SENSOR. LIGHTING CONTACTOR. CEILING MOUNTED OCCUPANCY SENSOR.

FIRE ALARM SYMBOLS

FACEP FIRE ALARM CONTROL PANEL. 15 FIRE ALARM SPEAKER & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATE # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15 FIRE ALARM BELL & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATE NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15 FIRE ALARM CHIME & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATE NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15 FIRE ALARM HORN & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATE NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15 FIRE ALARM SIGNALING LIGHT (80" AFF), (# WHEN SHOWN INDICATE NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15 FIRE ALARM SIGNALING LIGHT (80" AFF), (# WHEN SHOWN INDICATE SCONDON, THE STROBE SHALL BE RATED 75 CANDELA. 35 CEILING MOUNTED FIRE ALARM SPEAKER. FIRE ALARM MANUAL STATION (46" MH UNLESS NOTED OTHERWISE). SEALL BE RATED 75 CANDELA. 35 CEILING MOUNTED SMOKE DETECTOR. 40 CEILING MOUNTED SMOKE DETECTOR. 55 SIR DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. 41 51 CI ELECTRIC RELEASE DOOR CLOSER. ELECTRO-MAGNETIC DOOR HOLDER. 45 WATER FLOW SWITCH. 45 VALVE SUPERVISORY SWITCH. 46 DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATE.	S CANDELA RATING OF STROBE. WHEN A # IS ES CANDELA RATING OF STROBE. WHEN A # IS ES CANDELA RATING OF STROBE. WHEN A # IS ANDELA RATING OF STROBE. WHEN A # IS NOT
# IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA. 15	S CANDELA RATING OF STROBE. WHEN A # IS ES CANDELA RATING OF STROBE. WHEN A # IS ES CANDELA RATING OF STROBE. WHEN A # IS ANDELA RATING OF STROBE. WHEN A # IS NOT
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CEILING MOUNTED SMOKE DETECTOR. CEILING MOUNTED HEAT DETECTOR. DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPL S/R DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. ELECTRIC RELEASE DOOR CLOSER. ELECTRO-MAGNETIC DOOR HOLDER. WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATES SUPPLY.	JBSCRIPT "K" INDICATES KEY OPERATED.
CEILING MOUNTED HEAT DETECTOR. DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPL DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. ELECTRIC RELEASE DOOR CLOSER. ELECTRO-MAGNETIC DOOR HOLDER. WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATES SUPPLY.	
DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. ELECTRIC RELEASE DOOR CLOSER. ELECTRO-MAGNETIC DOOR HOLDER. WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATES SUPPLY.	
DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. ELECTRIC RELEASE DOOR CLOSER. ELECTRO-MAGNETIC DOOR HOLDER. WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	
ELECTRIC RELEASE DOOR CLOSER. D ELECTRO-MAGNETIC DOOR HOLDER. FS WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	Y. SUBSCRIPT "R" INDICATES RETURN.
ELECTRO-MAGNETIC DOOR HOLDER. FS WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	SUBSCRIPT "R" INDICATES RETURN.
WATER FLOW SWITCH. VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	
VALVE SUPERVISORY SWITCH. W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	
W DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDIC.	
R MOUNTED.	TOR LIGHT. SUBSCRIPT "W" INDICATES WALL
SD SMOKE DAMPER.	
FT FIRE FIGHTER'S TELEPHONE (60" MH UNLESS NOTED OTHERWISE).	
PS PRESSURE SWITCH.	
ADDRESSABLE MODULE. SUBSCRIPT "I" INDICATES INPUT. SUBSCRIPT	
PIV POST INDICATOR VALVE.	"C" INDICATES CONTROL.
KNOX BOX.	"C" INDICATES CONTROL.

LUMINAIRE SYMBOLS

Q O A	LIGHTING FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE, LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.
90	LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.
→ → ⊗	EXIT LIGHTING FIXTURE, ARROWS AS INDICATED.

NURSE CALL SYMBOLS

NCCP	NURSE CALL CONTROL PANEL.
NMW	NURSE CALL DESK MOUNTED MASTER CONTROL STATION (OUTLET AT 18" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
NS	NURSE CALL STAFF STATION (46" MH UNLESS NOTED OTHERWISE).
ND	NURSE CALL DUTY STATION (46" MH UNLESS NOTED OTHERWISE).
N	NURSE CALL STATION WITH PULL CORD FOR PATIENT USE (33" MH IN TOILET ROOMS, 90" M.H. IN SHOWERS AND WET AREAS, 46" MH UNLESS NOTED OTHERWISE IN ALL OTHER AREAS).
NC	PATIENT NURSE CALL UTILITY CONSOLE (46" MH UNLESS NOTED OTHERWISE).
N-\$	PATIENT NURSE CALL STATION (ONE OR TWO CORDS AS INDICATED, 46" MH UNLESS NOTED OTHERWISE).
Ø	CEILING MOUNTED NURSE CALL DOME LIGHT.
HØ	WALL MOUNTED NURSE CALL DOME LIGHT (90" MH UNLESS NOTED OTHERWISE).
™ B	CEILING MOUNTED COMBINATION DOME LIGHT AND BUZZER.
™ _Z	CEILING MOUNTED NURSE CALL ZONE LIGHT.
N ^E	NURSE CALL EMERGENCY BUTTON (46" MH UNLESS NOTED OTHERWISE).
N ^B	EMERGENCY CODE BLUE BUTTON (46" MH UNLESS NOTED OTHERWISE).

ABBREVIATIONS IN - INCHES - ACCESS ADJ - ADJUSTABLE - ARC FAULT CIRCUIT INTERUPTER KEC - KITCHEN EQUIPMENT CONTRACTOR AFCI - ARC FAULT CIRCUIT INTERUPTER AFF - ABOVE FINISHED FLOOR TO BOTTOM OF ITEM AFG - ABOVE FINISHED GRADE TO BOTTOM OF ITEM LBS - POUNDS ALT - ALTERNATE - MASTER ALARM PANEL (MEDICAL GAS) AP - ACCESS PANEL APPROX - APPROXIMATE MAX - MAXIMUM MEZZ - MEZZANINE ARCH - ARCHITECT OR ARCHITECTURAL MFR - MANUFACTURER ASSY - ASSEMBLY ATS - AUTOMATIC TRANSFER SWITCH - MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM - MINIMUM OR MINUTE BLDG - BUILDING MISC - MISCELLANEOUS BOE - BOTTOM OF EQUIPMENT MTD - MOUNTED BOT - BOTTOM MTG - MOUNTING BTWN - BETWEEN NIC - NOT IN CONTRACT CFCI - CONTRAC CKT - CIRCUIT CLG - CEILING - CONTRACTOR FURNISHED CONTRACTOR INSTALLED NOM - NOMINAL NTS - NOT TO SCALE CMU - CONCRETE MASONRY UNIT OD - OUTSIDE DIAMETER CONN - CONNECT OR CONNECTION OFCI - OWNER FURNISHED CONTRACTOR INSTALLED CONTR - CONTRACTOR OFOI - OWNER FURNISHED OWNER INSTALLED CORR - CORRIDOR - PLUMBING CONTRACTOR (DIVISION 22) PLBG - PLUMBING DET - DETAIL RAD - RADIUS DIA - DIAMETER
DIM - DIMENSION - RECESSED REQD - REQUIRED DIV - DIVISION RI - ROUGH-IN DN - DOWN - SURFACE MOUNTED DWG - DRAWING - SECURITY CONTRACTOR - SCHEDULE - ELECTRICAL CONTRACTOR (DIVISION 26) SMS - SECURITY MANAGEMENT SYSTEM - EXPANSION JOINT ELEC - ELECTRICAL SPEC - SPECIFICATIONS ELEV - ELEVATION OR ELEVATOR SQ - SQUARE EM - EMERGENCY - STAINLESS STEEL STD - STANDARD EQS - EQUIPMENT SUPPLIER STRUC - STRUCTURAL OR STRUCTURE EQUIP - EQUIPMENT SUC - SITE UTILITY CONTRACTOR ETR - EXISTING TO REMAIN EX - EXISTING EXP - EXPANSION TC - TECHNOLOGY CONTRACTOR TEMP - TEMPERATURE EXT - EXTERIOR TOE - TOP OF EQUIPMENT TYP - TYPICAL EX/R - EXISTING TO BE RELOCATED FCE - FIRE CONTROL EQUIPMENT - FINISHED FLOOR ELEVATION UNO - UNLESS NOTED OTHERWISE FSC - FIRE SUPPRESSION CONTRACTOR (DIVISION 21) VFD - VARIABLE FREQUENCY DRIVE VOL - VOLUME FTG - FOOTING EX/R- EXISTING TO BE RELOCATED W/0 - WITHOUT - GENERAL CONTRACTOR - GROUND FAULT CIRCUIT INTERRUPTER WP - WEATHERPROOF GFCI - GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT FURNISHED CONTRACTOR INSTALLED ZVC - ZONE VALVE CABINET GFFT - GROUND FAULT FEED THRU

- HORSE POWER OR HÌGH POINT HVAC - HEATING, VENTILATING, AND AIR CONDITIONING

- HVAC CONTRACTOR (DIVISION 23)

GENERAL FLOOR PLAN NOTES

В	
E2	DETAIL: B = DETAIL DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED
1 E2	SECTION: 1 = SECTION DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED
3>	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
3	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	WIRE & CONDUIT IN WALL OR ABOVE CEILING.
======	WIRE & CONDUIT IN OR BELOW SLAB OR GRADE.
[=======]	CONDUIT TO BE REMOVED.
E	EXISTING WIRE & CONDUIT TO REMAIN.
DAT	CONDUIT FOR DATA CIRCUITRY.
EM=====	WIRE & CONDUIT FOR EMERGENCY CIRCUITRY.
FA	WIRE & CONDUIT FOR FIRE ALARM CIRCUITRY.
	WIRE & CONDUIT FOR INTERCOM SYSTEM CIRCUITRY.
NC	WIRE & CONDUIT FOR NURSE CALL CIRCUITRY.
NLNL	WIRE & CONDUIT FOR NIGHT LIGHT CIRCUITRY.
PHO	CONDUIT FOR PHONE CIRCUITRY.
S	WIRE & CONDUIT FOR SOUND SYSTEM CIRCUITRY.
SEC====	WIRE & CONDUIT FOR SECURITY SYSTEM CIRCUITRY.
TV=	WIRE & CONDUIT FOR TELEVISION SYSTEM CIRCUITRY.
W	WIRE RUN IN SURFACE WIREWAY.
СМ	CABLE MANAGEMENT SYSTEM PATHWAY.
X - 1,2	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER(S) DENOTES CIRCUIT(S).

DRAWING INDEX					
SHEET DESCRIPTION					
31E001	SYMBOLS				
31E501	LIGHTING FIXTURE DESCRIPTIONS				
31ED101	PARTIAL LOWER LEVEL PLAN - REMOVALS				
31EL101	PARTIAL LOWER LEVEL PLAN - LIGHTING				
31EP102	PARTIAL LOWER LEVEL PLAN - POWER				
31ET103	PARTIAL LOWER LEVEL PLAN - SIGNALS				

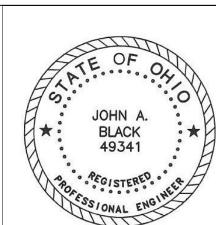
NOTE: ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS.

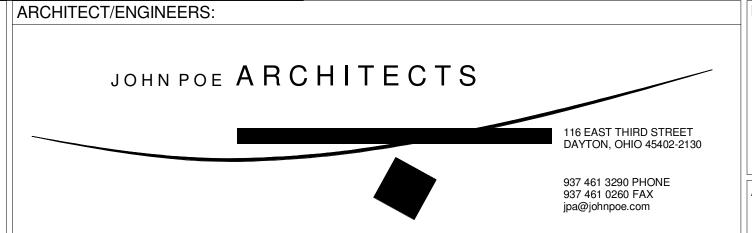
ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

FULLY SPRINKLERED

Heapy Engineering

Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com **HEAPY PROJECT No.: 2012-04018** FIRM LICENSE No.: 01528





Project Title VAMC Chillicothe Building 31 Lower SYMBOLS Corridor Finishes

Building Number Chillicothe, Ohio

Office of Construction and Facilities Management

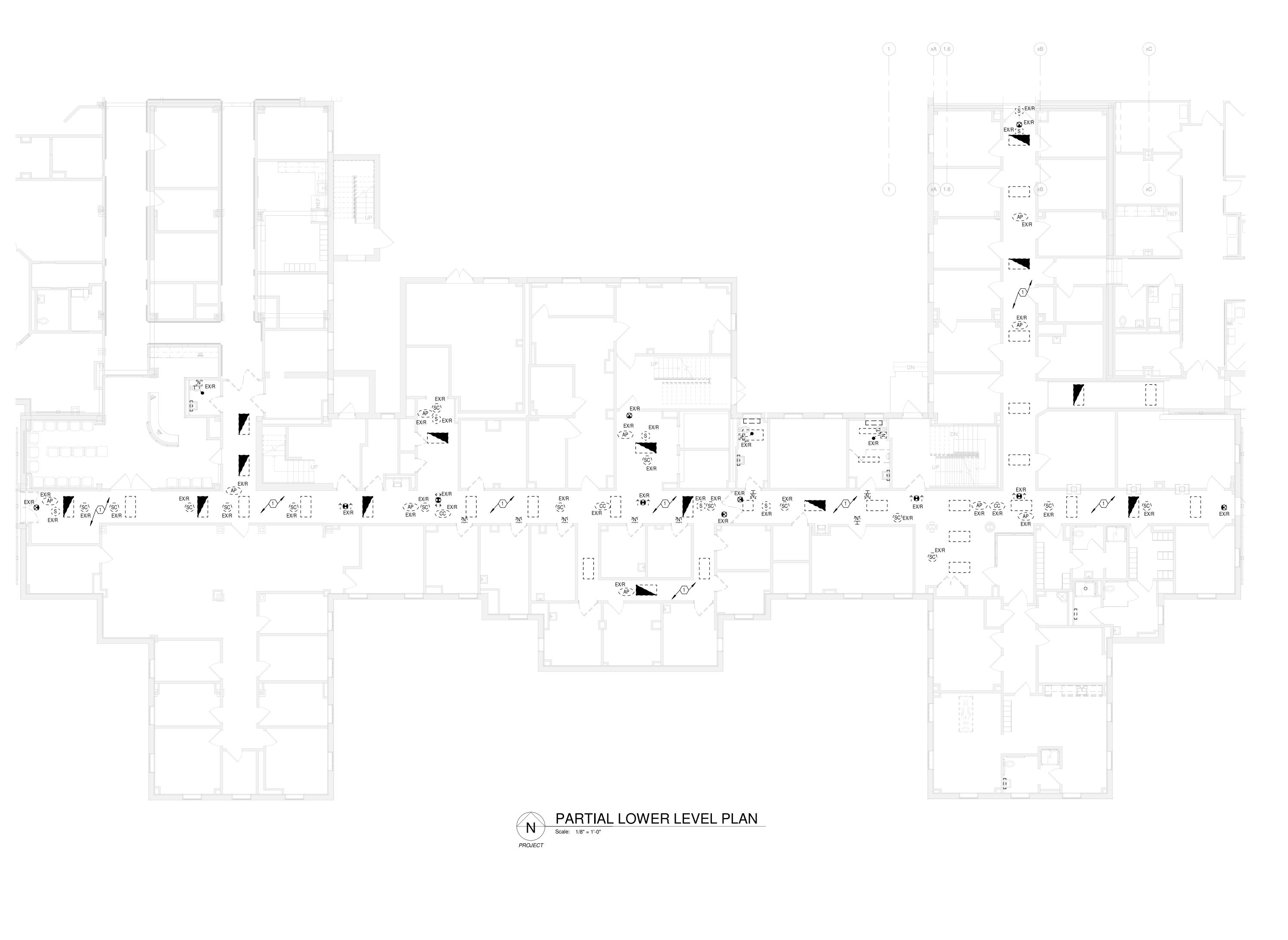
Approved: Project Director

MSG

Project No.

VA Project No.

JPA Project No.



2 6 7

GENERAL NOTES

- A MAINTAIN ALL LIGHTING AND RECEPTACLE CIRCUITS FOR NEW WORK (WHERE INDICATED OR REQUIRED).
- B REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.
- C MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
- D REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

○ NOTES

1 TURN OVER ALL LED LAMPS TO COTR.

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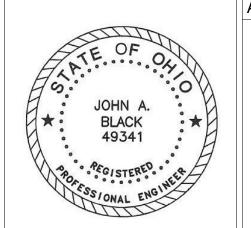
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Mechanical Electrical Commissioning Technology

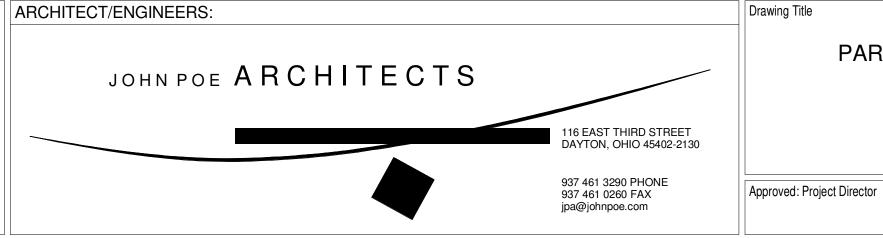
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Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com
HEAPY PROJECT No.: 2012-04018 FIRM LICENSE No.: 01528

CONSULTANTS:

one-eighth inch = one foot



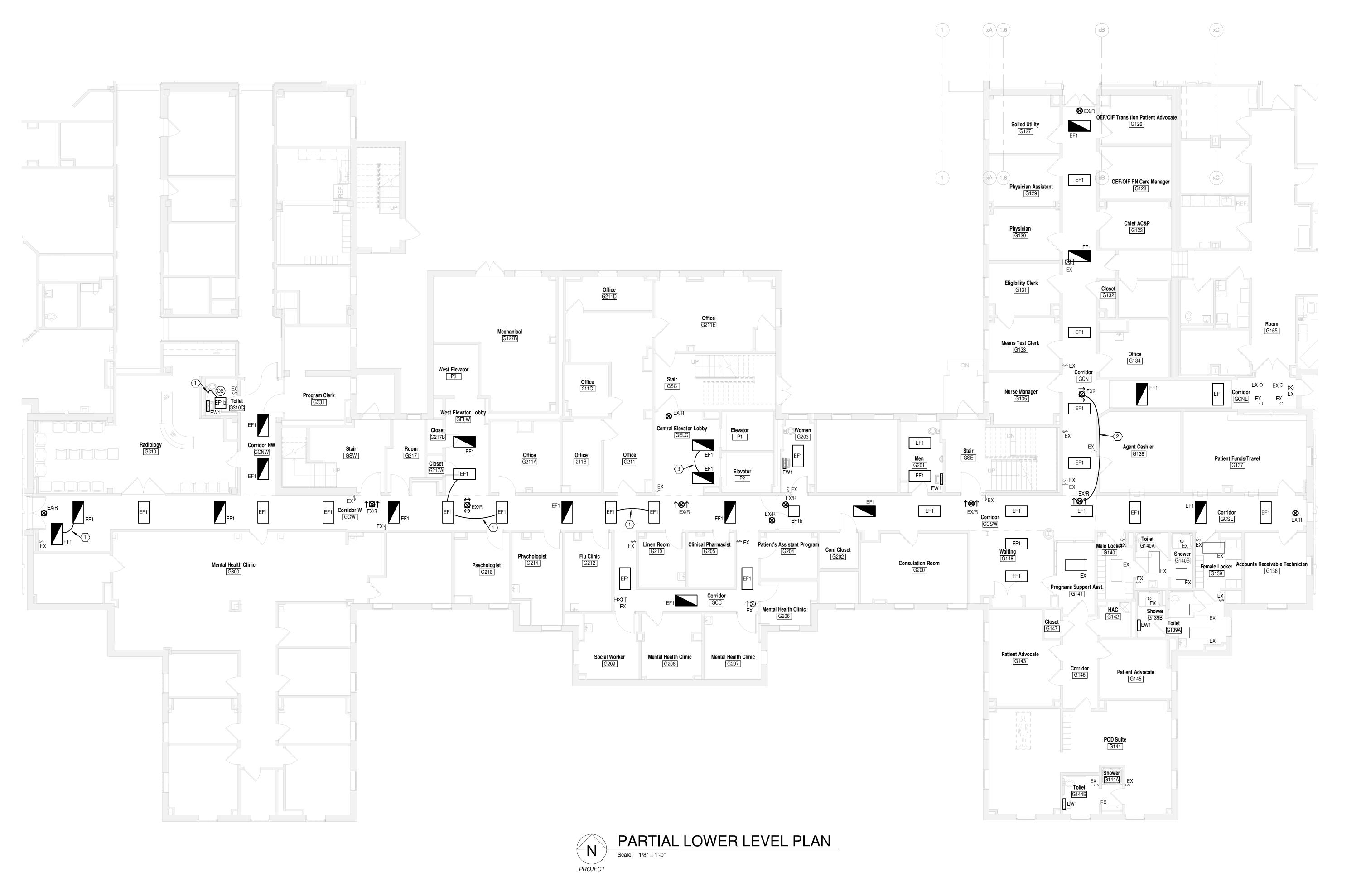


PARTIAL LOWER LEVEL PLAN - REMOVALS	VAN	/IC C
	Location	

VAMC Chillicothe Building 31 Lowe Level Corridor Finishes
Chillicothe, Ohio

MSG

VA Project No. JPA Project No.	538-12-107 12020.00	
Building Number		
31		
Drawing Number		
74 [HAH	



GENERAL NOTES

- A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON/SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
- C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
- D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.
- E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
- F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.
- G WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.
- H RECONNECT ALL NEW LIGHT FIXTURES TO EXISTING CIRCUIT UNLESS NOTED

○ PLAN NOTES

- 1 CONNECT TO EXISTING 120V-20A NORMAL POWER LIGHTING CIRCUIT. VERIFY EXISTING CIRCUIT LOADING.
- 2 CONNECT TO EXISTING 120V-20A EMERGENCY EXIT SIGN CIRCUIT.
- 3 CONNECT TO EXISTING 120V-20A EMERGENCY POWER LIGHTING CIRCUIT. VERIFY

FULLY SPRINKLERED

Project No.

VA Project No.

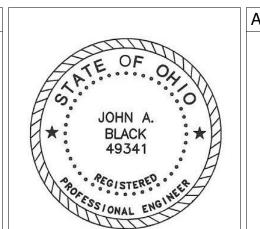
JPA Project No.

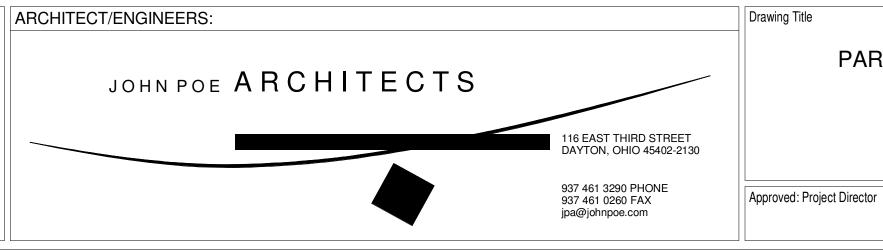
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CONSULTANTS:

one-eighth inch = one foot



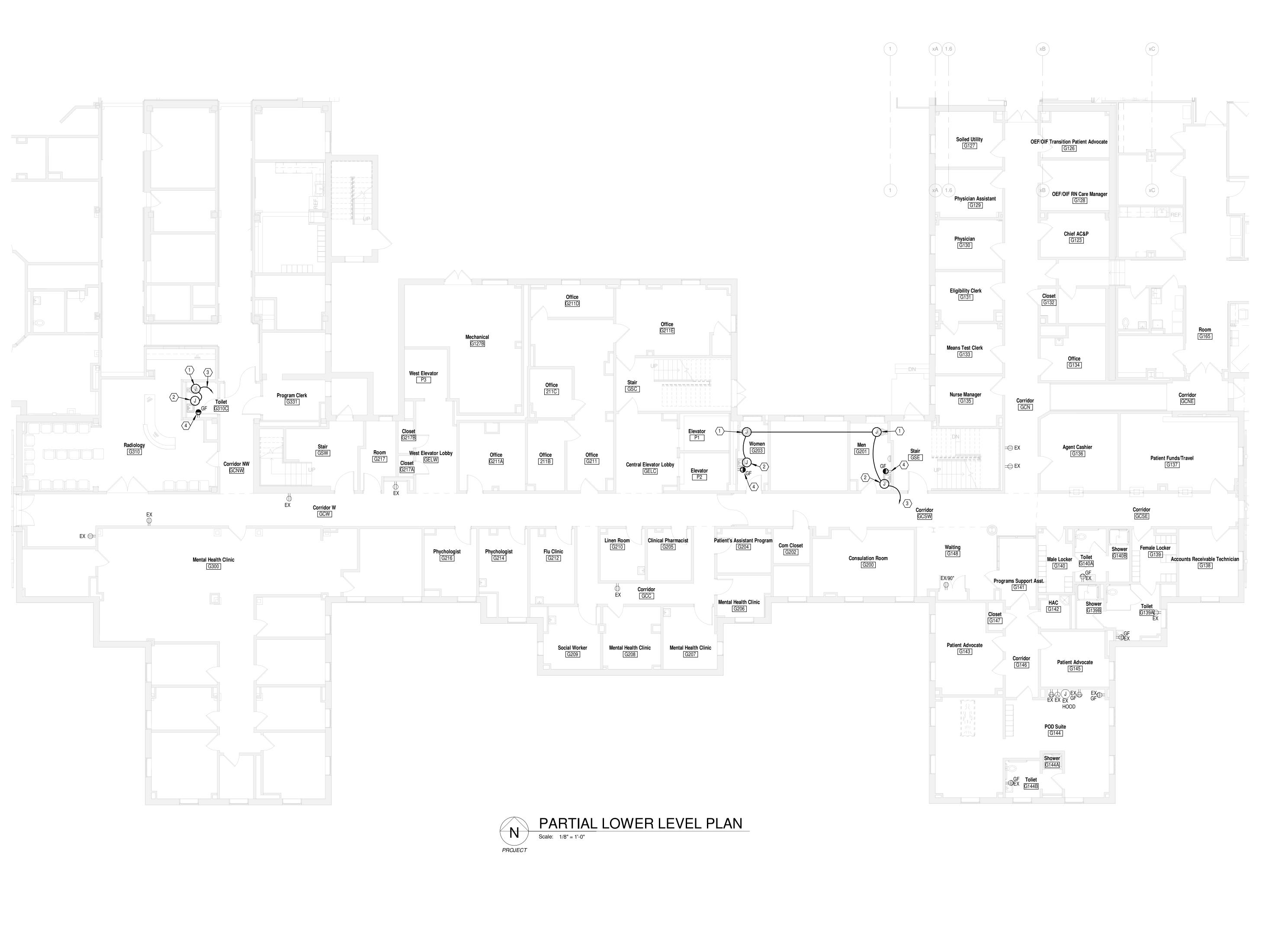


PARTIAL LOWER LEVEL PLAN -LIGHTING

VAMC Chillicothe Building 31 Lower Corridor Finishes

MSG

Building Number Chillicothe, Ohio



GENERAL NOTES

- A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
- C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL
- D REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

E REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

○ PLAN NOTES

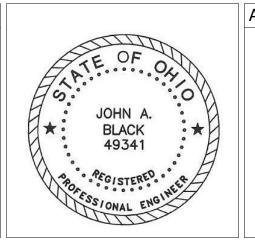
- 1 PROVIDE 4" SQUARE BOX ABOVE CEILING FOR SENSOR OPERATED FIXTURE TRANSFORMER (BY DIV. 22) AND 4" SQUARE BOX (WITH MUD RING) BEHIND EACH WATER CLOSET/URINAL FOR SENSOR (BY DIV. 22). RUN 0.75"C BETWEEN TRANSFORMER AND EACH SENSOR BOXES. PROVIDE 120V VOLT CONNECTION TO TRANSFORMER ABOVE CEILING. COORDINATE ALL
- 2 PROVIDE 4" SQUARE BOX ABOVE CEILING FOR SENSOR OPERATED FIXTURE TRANSFORMER (BY DIV. 22) AND SINGLE GANG BOX BELOW EACH LAVATORY WITH GROMMETED FACEPLATE. RUN 0.75"C. BETWEEN TRANSFORMER AND EACH SENSOR BOXES. PROVIDE 120V CONNECTION TO TRANSFORMER ABOVE CEILING. COORDINATE ALL REQUIREMENTS WITH
- 3 CONNECT TO LOCAL 120V-20A CRITICAL BRANCH CIRCUIT. 4 CONNECT TO EXISTING RECEPTACLE CIRCUIT.

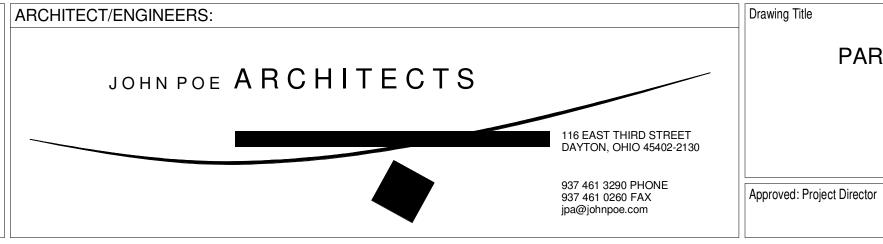
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CONSULTANTS:

one-eighth inch = one foot





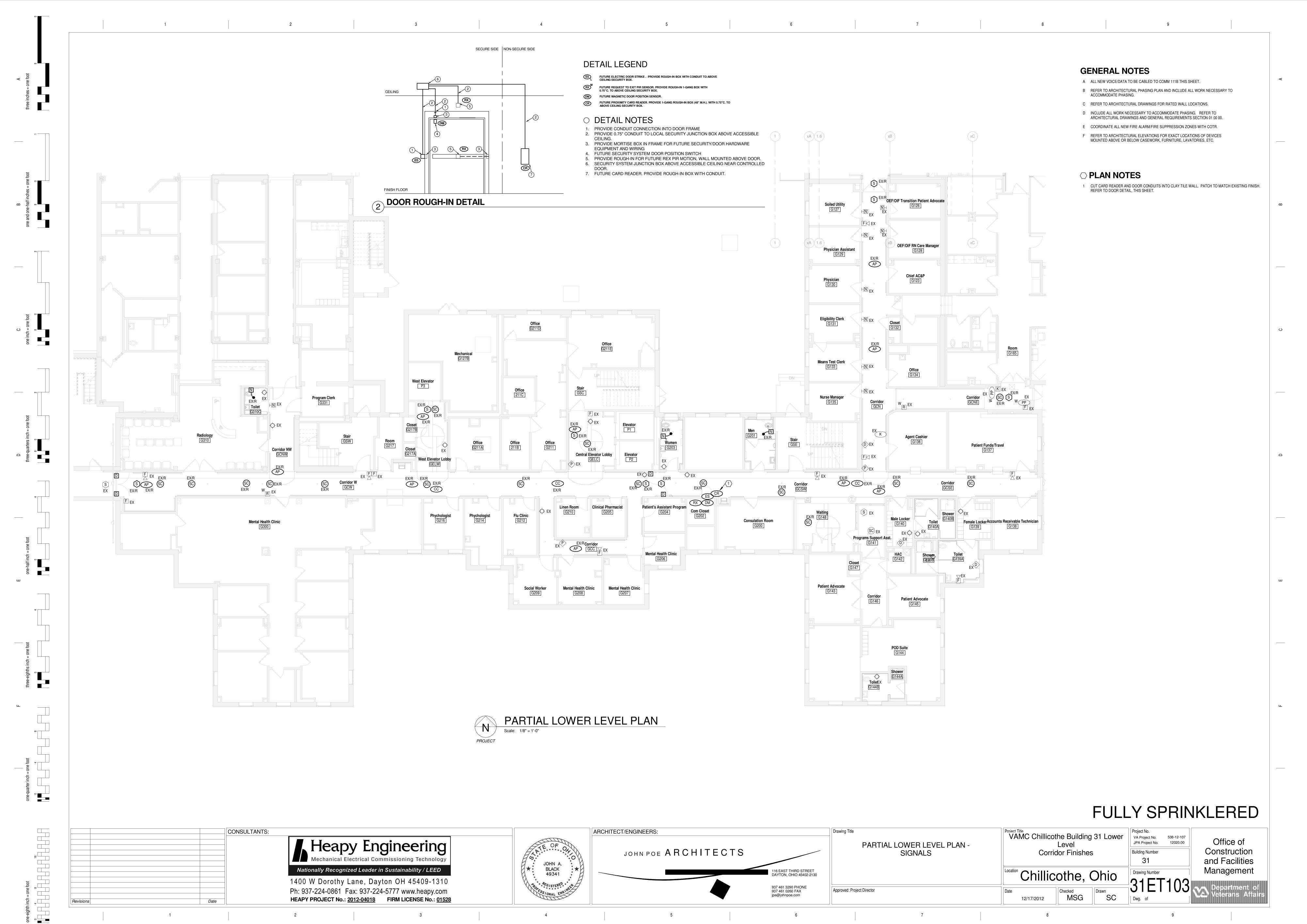
VAMC Chillicothe Building 31 Lower PARTIAL LOWER LEVEL PLAN -Corridor Finishes **POWER**

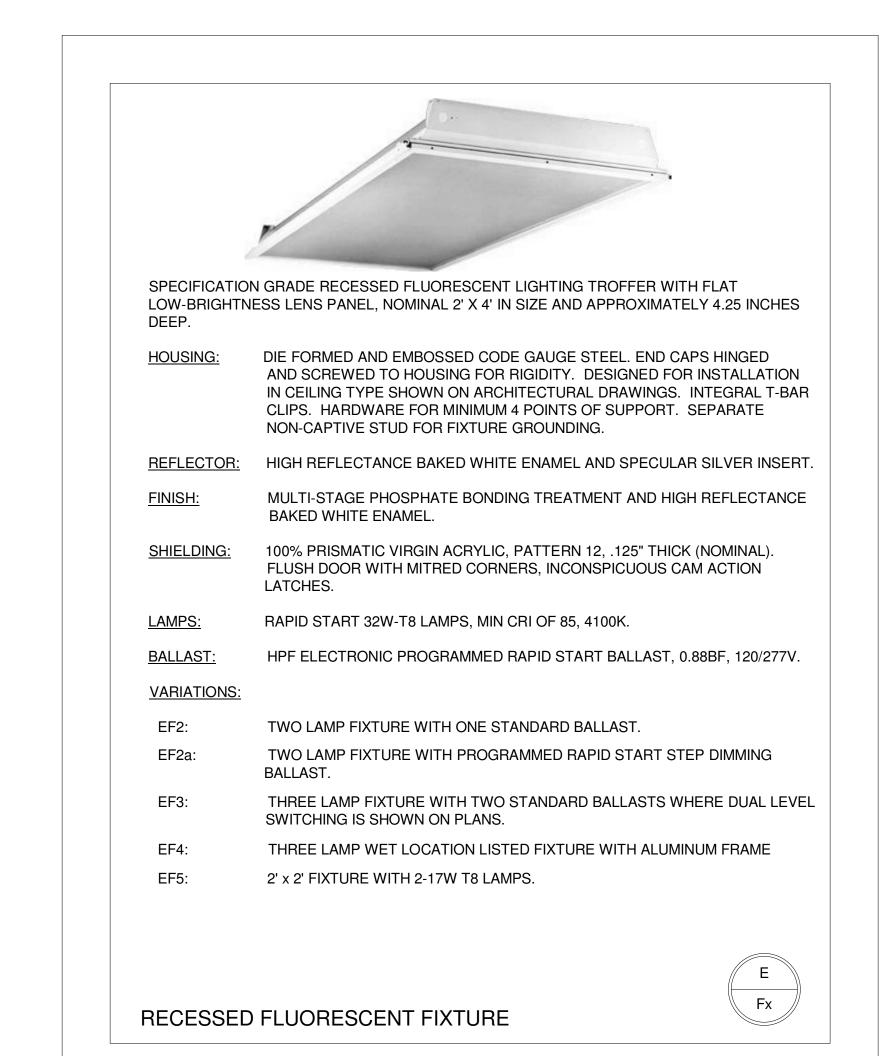
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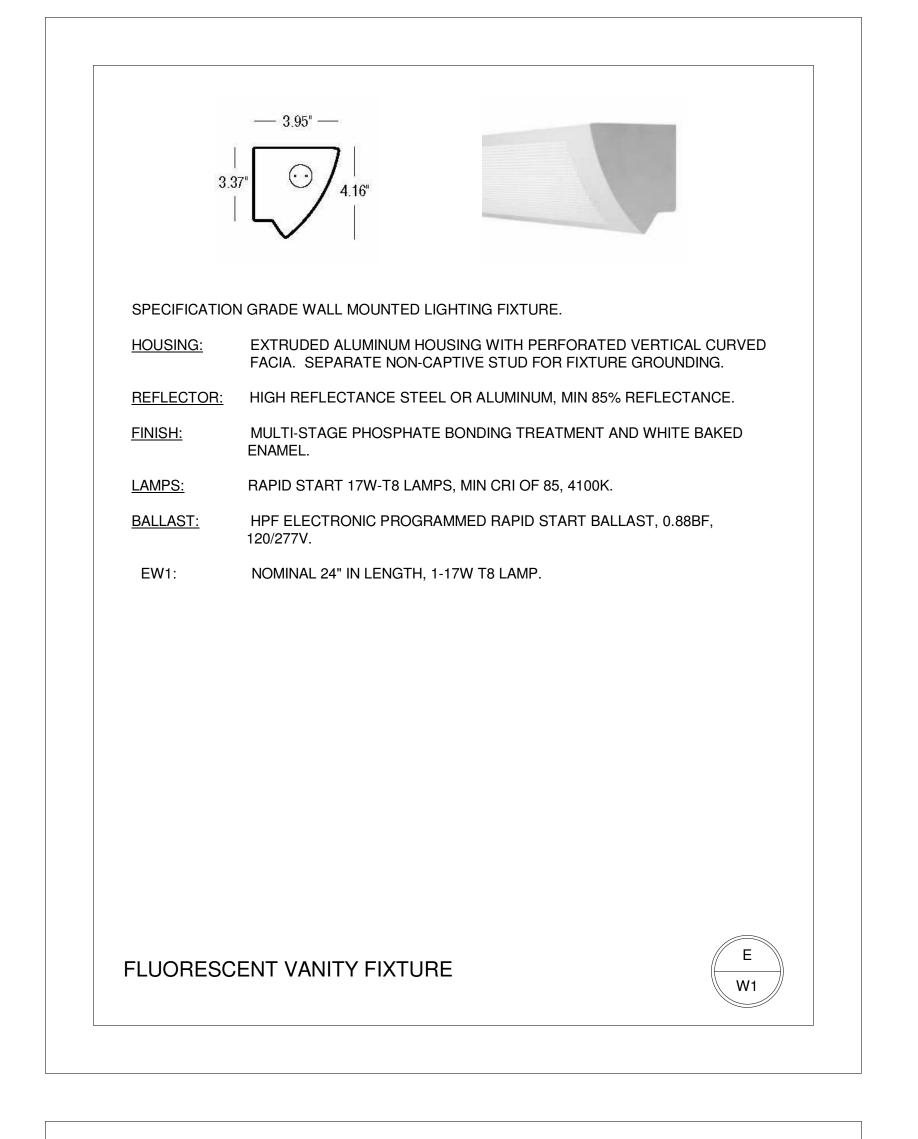
JPA Project No. Building Number Chillicothe, Ohio

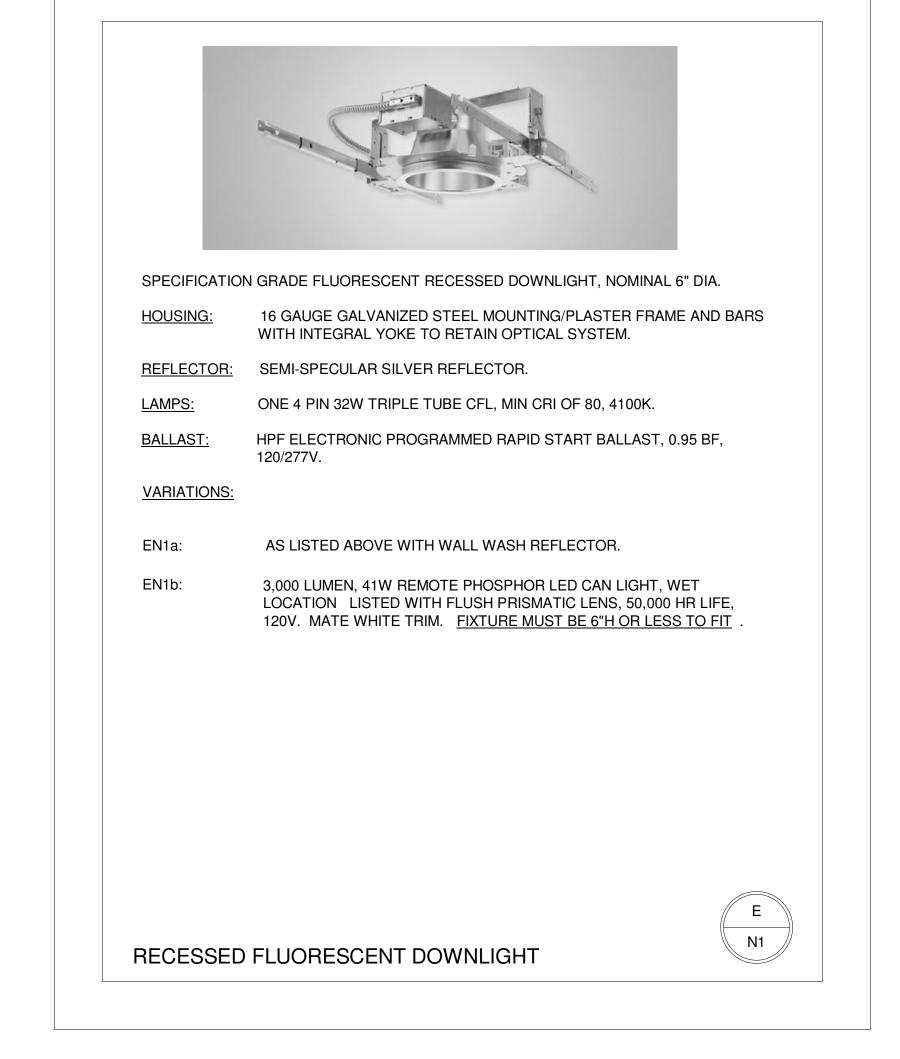
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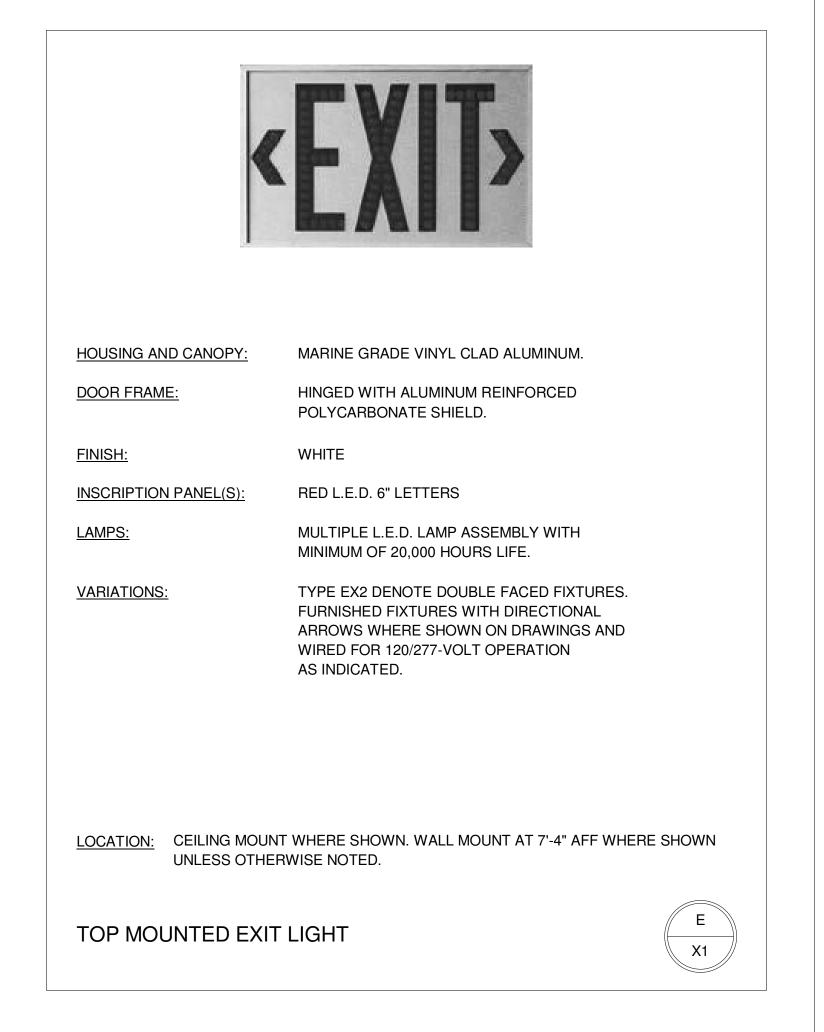










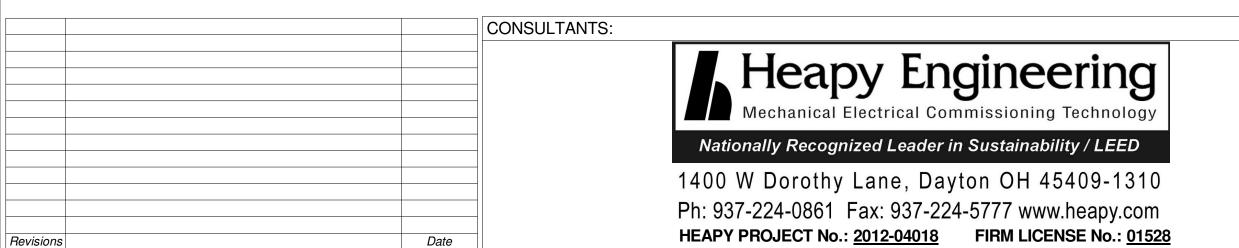




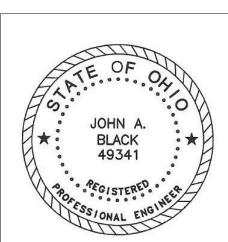
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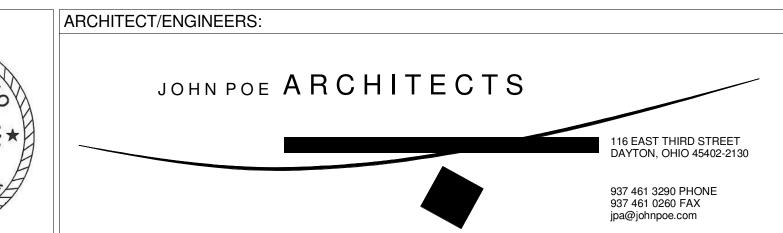
VA Project No.

JPA Project No.



one-eighth inch = one foot





LIGHTING FIXTURE DESCRIPTIONS

Approved: Project Director

VAMC Chillicothe Building 31 Lower
Level
Corridor Finishes

Corridor Finishes

Building Number
31

Chillicothe, Ohio

Drawing Number

Office of Construction and Facilities Management

Oate 12/17/2012 Checked MSG SC

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